

## FILE NOTATIONS

Entered in NID File .....✓  
Location Map Pinned .....✓  
Card Indexed .....✓

Checked by Chief .....✓  
Approval Letter .....✓  
Disapproval Letter .....✓

## COMPLETION DATA:

Date Well Completed 10/17/78

OW..... WW..... TA.....

SI ✓ GW..... OS..... PA.....

Location Inspected

Bond released

State or Fee Land .....

## LOGS FILED

Driller's Log.....✓

Electric Logs (No.) .....✓

E..... I..... Dual I Lat..... GR-N..... Micro.....

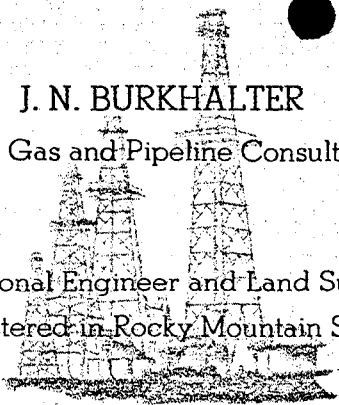
BHC Sonic GR..... Lat..... MI-L..... Sonic.....

CBLog..... CCLog..... Others.....

J. N. BURKHALTER

Oil, Gas and Pipeline Consultant

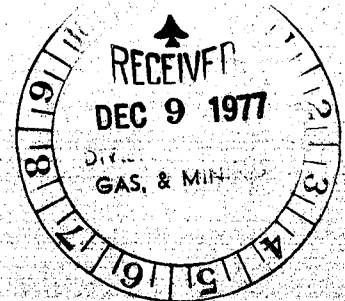
Professional Engineer and Land Surveyor  
Registered in Rocky Mountain States



0270 Rockledge Drive  
Glenwood Springs, Colo. 81601  
Telephone 303/945-6976

December 6, 1977

Mr. Edgar W. Gynn  
District Engineer  
United States Geological Survey  
8440 Federal Building  
Salt Lake City, Utah 84138



Re: Bowers Federal Well #1-6  
SWSWSE Sec. 6, T20S, R24E,  
Grand County, Utah

Dear Mr. Gynn:

Herewith, in triplicate, is the Application for Permit to Drill for the above referenced well.

I believe you will find everything in order, but if there is something remiss, please call me at your earliest convenience.

The well is spaced to be 2640' from the Bush Well in the NWNW Sec. 8, T20S, R24E.

Very truly yours,

J. N. Burkhalter

JNB/sb  
enc.

cc: Mr. Patrick L. Driscoll ✓  
Mr. James E. Bowers

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

BOND OF OIL AND GAS LESSEE  
Act of February 25, 1920 (41 Stat. 437), as amended

Bond Number 19-0130-1852-77

Land Office and Serial Number  
U-38364

KNOW ALL MEN BY THESE PRESENTS, That we, JAMES E. BOWERS

of P. O. Box 636, Grand Junction, Colorado

and UNITED STATES FIDELITY AND GUARANTY COMPANY  
of (give surety's home address) Baltimore, Maryland

as principal,

as surety, are held and firmly bound unto the United States of America in the sum of Ten Thousand and No/100  
dollars (\$ 10,000.00 ), lawful money  
of the United States, for the use and benefit of (1) the United States; and (2) any entryman or patentee or surface  
owner of any portion of the lands covered by the lease bearing the above serial number who is entitled by law to com-  
pensation in connection with a reservation of the oil and gas deposits to the United States, for which payment, well  
and truly to be made, we, by these present bind ourselves, and each of us, and each of our heirs, executors, admini-  
strators, successors, and assigns, jointly and severally, upon the following conditions, viz:

The conditions of this obligation are such that, whereas the  
said principal has been granted the above lease upon the  
lands described therein and upon conditions therein ex-  
pressed; and

WHEREAS, the surety waives any right to notice of, and  
agrees that this bond shall remain in full force and effect,  
notwithstanding:

1. Any assignment or assignments of an undivided  
interest in any part or all of the lands in the lease, in which  
event the assignee or assignees shall be considered to be  
coprincipal or copincipals on this bond as fully and to the  
same extent as though his or their duly authenticated signa-  
tures appeared thereon.

2. Any assignment of some of the lands described in the  
lease, the bond to remain in full force and effect only as to  
the lands retained in the lease.

3. Any extension of the lease term, or any modification  
of the lease, or obligations thereunder, whether made or

effected by commitment of the lease to any unit, cooperative,  
communitization or storage agreement, or development con-  
tract, suspension of operations or production, waiver, suspen-  
sion or change in rental, minimum royalty and royalties,  
compensatory royalty payments, or otherwise.

NOW, THEREFORE, if the said principal, his heirs, execu-  
tors, administrators, successors, or assigns shall fully comply  
with all of the terms and conditions of said lease or  
any extension thereof authorized by law, use all reasonable  
precautions to prevent damage to the land, leave the premises  
in a safe condition upon the termination of said lease, and  
compensate the entryman or patentee or surface owner, if  
any, for damages to the land as by law required, then this  
obligation shall be null and void; otherwise to remain in full  
force and effect.

Signed with our hands and sealed with our seals this 1st day of December, 1977

Signed, sealed, and delivered in presence of

NAMES AND ADDRESSES OF WITNESSES

JAMES E. BOWERS

Deborah Waters

~~James E. Bowers~~

3082 F Rd

Grand Jct Co 81501

James C. Potter

650 31 Road, Grand Junction, CO

JAMES E. BOWERS

James E. Bowers

(Principal)

[L. S.]

UNITED STATES FIDELITY AND GUARANTY COMPANY

(Surety)

[L. S.]

By

Rodney C. Power, Attorney-in-Fact

P. O. Box 1329, Grand Junction, Colorado

(Address of Surety's Agent)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

James E. Bowers

## 3. ADDRESS OF OPERATOR

P.O. Box 636, Grand Junction, Colorado 81501

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

300' FSL, 2270' FEL

At proposed prod. zone

Same

SW SW SE

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

8 miles NE of Cisco, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

370'

## 16. NO. OF ACRES IN LEASE

320

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

none

## 19. PROPOSED DEPTH

2000

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4695 GR

## 22. APPROX. DATE WORK WILL START\*

January 15, 1978

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4"	7"	17lb (new)	200 ft	40 sx Class G-Circulate
6 1/4"	4 1/2"	10.5 lb (new)	2000 ft	50 sx Dowell RFC

Propose to Test Salt Wash Member of Morrison Formation.

Surface Use Plan Attached: Note: Water Sands are not anticipated.

Surface FMN - Mancos Shale

Estimated Tops:

Dakota: 1450 Gas

Morrison: 1600

Salt Wash: 1800 Gas

Pressure Control: Schematic attached showing BOP, Kill Lines, Check Valves &amp; Pressure Ratings, Seven Point Plan Attached.

Logging: IES-Gamma &amp; FDC-CNL, No Coring Planned.

Hazards: Experience does not indicate that abnormal pressures or Hydrogen Sulfide will be encountered.

Starting Date: January 15, 1978, Ten Days Operating Time.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

TITLE

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

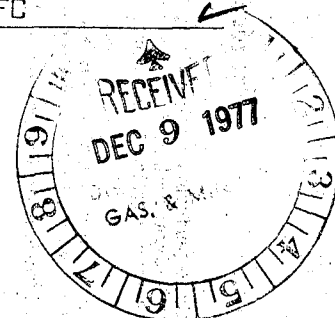
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

\*\* FILE NOTATIONS \*\*

Date: 12/13/77

Operator: J. E. Bowers

Well No: Bowers - Federal 1-6

SW SW SE  
Location: Sec. 6 T. 20S R. 24E County: Grand

File Prepared: ☒

Entered on N.I.D.: ☒

Card Indexed: ☒

Completion Sheet: ☒

API NUMBER: 43-019-30411

CHECKED BY:

Administrative Assistant AW

Remarks: No other wells in Sec. 6

Petroleum Engineer Ac Pat

Remarks:

Director 7

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: ☒

Survey Plat Required: ☐

Order No. 102-5

Surface Casing Change to ☐

Rule C-3(c), Topographic exception/company owns or controls acreage within a 660' radius of proposed site ☐

O.K. Rule C-3 ☐

O.K. In

Unit ☐

Other:

☒ Letter Written/Approved

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
James E. Bowers # 1-6	300' FSL, 2270' FEL, S. 6 T 20 S R 24 E SLM, GRAND Co, UTAH EL 4695'	U-38364
<p>1. Stratigraphy and Potential Oil and Gas Horizons. <i>Surface rocks are of the Mancos Shale &amp; gravel surfaces. Testing Dakota S.S. 1450' - possible gas Morrison fm. 1600' Salt wash. 1800' - possible gas</i></p> <p>2. Fresh Water Sands.</p> <p><i>WRD report on page 2.</i></p> <p>3. Other Mineral Bearing Formations. (Coal, Oil Shale, Potash, Etc.) <i>Coal may occur in the Dakota formation</i></p> <p>4. Possible Lost Circulation Zones. <i>Unknown.</i></p> <p>5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs. <i>Unknown.</i></p> <p>6. Possible Abnormal Pressure Zones and Temperature Gradients. <i>Unknown.</i></p> <p>7. Competency of Beds at Proposed Casing Setting Points. <i>Probably competent.</i></p> <p>8. Additional Logs or Samples Needed. <i>Density, sp logs.</i></p> <p>9. References and Remarks <i>None.</i></p>		
Date: 12-13-77		Signed: <i>emp</i>

DATE Dec 15, 77

☒ MAJOR IMPACT

**Others**

## Operational failure

## NEW KNOWLEDGE

None known

### Effect On Local Economy

## Safety & Health

(NEW LOC 335 FSL  
2235 FEL)

Aug - Free  
cc: BLM - North w/o matrix  
Reg - Deane  
Deane Bill E. Las Litala ✓

LEASE U-38364DATE Dec 15, 77WELL NO. Bowers Federal 1-6LOCATION: SW ¼ SE ¼, SEC. 6, T. 20S, R. 24EFIELD Cisco Springs COUNTY Grand STATE UtENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-BI. PROPOSED ACTIONJames E Bowers

PROPOSES TO DRILL AN OIL AND

(COMPANY)

GAS TEST WELL WITH ROTARY TOOLS TO ABOUT 2000 FT. TD. 2) TO CONSTRUCT ADRILL PAD 200 FT. X 200 FT. AND A RESERVE PIT 50 FT. X 80 FT.3) TO CONSTRUCT 1/8 FT. WIDE X 20' MILES ACCESS ROAD AND UPGRADE

FT. WIDE X \_\_\_\_\_ MILES ACCESS ROAD FROM AN EXISTING AND IMPROVED ROAD, TO CONSTRUCT

☒ GAS ☒ OIL PRODUCTION FACILITIES ON THE DISTURBED AREA FOR THE DRILL PAD

NOT KNOWN AT THIS TIME

AND ☒ TRUCK ☐ TRANSPORT THE PRODUCTION THROUGH A PIPELINE TO A TIE-IN IN

SECTION \_\_\_\_\_, T. \_\_\_\_\_, R. \_\_\_\_\_

2. LOCATION AND NATURAL SETTING (EXISTING ENVIRONMENTAL SITUATION).(1) TOPOGRAPHY: ☐ ROLLING HILLS ☐ DISSECTED TOPOGRAPHY ☒ DESERTOR PLAINS ☐ STEEP CANYON SIDES ☐ NARROW CANYON FLOORS ☐ DEEP DRAINAGEIN AREA ☐ SURFACE WATER \_\_\_\_\_(2) VEGETATION: ☒ SAGEBRUSH ☐ PINION-JUNIPER ☐ PINE/FIR ☐ FARMLAND(CULTIVATED) ☒ NATIVE GRASSES ☒ OTHER carth



(3) WILDLIFE: ☐ DEER ☐ ANTELOPE ☐ ELK ☐ BEAR ☒ SMALL  
MAMMAL ☒ BIRDS ☐ <sup>None known</sup> ENDANGERED SPECIES ☐ OTHER \_\_\_\_\_

(4) LAND USE: ☒ RECREATION ☒ LIVESTOCK GRAZING ☐ AGRICULTURE  
☐ MINING ☐ INDUSTRIAL ☐ RESIDENTIAL ☒ OIL & GAS OPERATIONS

REF: BLM UMBRELLA EAR  
USFS EAR  
OTHER ENVIRONMENTAL ANALYSIS

3. Effects on Environment by Proposed Action (potential impact)

1) EXHAUST EMISSIONS FROM THE DRILLING RIG POWER UNITS AND SUPPORT TRAFFIC ENGINES WOULD ADD MINOR POLLUTION TO THE ATMOSPHERE IN THE LOCAL VICINITY.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR VISUAL IMPACTS FOR A SHORT TERM DUE TO OPERATIONAL EQUIPMENT AND SURFACE DISTURBANCE.

4) TEMPORARY DISTURBANCE OF WILDLIFE AND LIVESTOCK.

5) MINOR DISTRACTION FROM AESTHETICS FOR SHORT TERM.

6) Drill Pad extends into county road. (Re orientate & change pad 180' x 240')

7) Well is 80' FROM county road which could be potential hazard -  
(Suggest that hole be moved 50' NE) then hole would be 125' from Road.

4. Alternatives to the Proposed Action

1) NOT APPROVING THE PROPOSED PERMIT -- THE OIL AND GAS LEASE GRANTS THE LESSEE EXCLUSIVE RIGHT TO DRILL FOR, MINE, EXTRACT, REMOVE AND DISPOSE OF ALL OIL AND GAS DEPOSITS.

2) DENY THE PROPOSED PERMIT AND SUGGEST AN ALTERNATE LOCATION TO MINIMIZE ENVIRONMENTAL IMPACTS. NO ALTERNATE LOCATION ON THIS LEASE WOULD JUSTIFY THIS ACTION.

3) <sup>Recommend</sup> LOCATION WAS MOVED 50' to NE TO AVOID                       
<sup>to be</sup>  
☐ LARGE SIDEHILL CUTS ☐ NATURAL DRAINAGE ☒ OTHER County Road and allow  
125' set back of well. - operator objects stating geologic reasons - wants to  
be as close to nearby produced as legal.  
4) re orientate drill pad to align with county road - change size 180 x 240'  
Top soil storage (Top 12") ON ENDS OF PAD.

5. Adverse Environmental Effects Which Cannot Be Avoided

1) MINOR AIR POLLUTION DUE TO EXHAUST EMISSIONS FROM RIG ENGINES AND SUPPORT TRAFFIC ENGINES.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR AND TEMPORARY DISTURBANCE OF WILDLIFE.

4) TEMPORARY DISTURBANCE OF LIVESTOCK.

5) MINOR AND SHORT-TERM VISUAL IMPACTS.

6)

6. DETERMINATION:

(THIS REQUESTED ACTION ~~DOES~~ (DOES NOT) CONSTITUTE A MAJOR FEDERAL ACTION SIGNIFICANTLY AFFECTING THE ENVIRONMENT IN THE SENSE OF NEPA, SECTION 102(2) (c).

DATE INSPECTED Dec 15, 77

INSPECTOR Evans

W. P. Martin  
U. S. GEOLOGICAL SURVEY  
CONSERVATION DIVISION - OIL & GAS OPERATIONS  
SALT LAKE CITY DISTRICT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

(Form 9-1926)  
(2/76)

OMB 42-R1748

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.65, 30 CFR 221.47), and the terms of the lease. Failure to report can result in the establishment of royalty value as the highest price paid for like production in the field or area, assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

APPLICATION FOR ESTABLISHMENT  
OF ROYALTY VALUES

I. General Information

Lessee/Operator James E. Bowers/Bowers Oil and Gas Exploration, Inc.  
Federal or Indian Lease Nos. 71-038364  
Field or Unit Name Cisco Springs County Grand State Utah

II. Crude Oil and Condensate

☒ Not Applicable

- (1) Name and address of purchaser: \_\_\_\_\_
- (2) Name and address of transporter: \_\_\_\_\_
- (3) Sales point: \_\_\_\_\_ Contract price: \$ \_\_\_\_\_
- (4) Base price from which deductions are taken: \$ \_\_\_\_\_
- (5) Price based on: Company \_\_\_\_\_ Bulletin No. \_\_\_\_\_ Column \_\_\_\_\_
- (6) FEA maximum price: Upper tier \_\_\_\_\_ Lower tier \_\_\_\_\_
- (7) Method of transportation-pipeline, truck, or both? \_\_\_\_\_
- (8) Is transportation mode in use the least expensive available? \_\_\_\_\_
- (9) Is the rate being charged a published tariff rate? \_\_\_\_\_ If so, attach a copy of tariff. If not, explain: \_\_\_\_\_
- (10) List other existing modes of transportation in the field, whether or not available for production from this lease: \_\_\_\_\_
- (11) If a deduction for the cost of transportation is requested, justification must be submitted with the application showing that there are no purchasers available who are willing to absorb such costs.
- (12) How will production be measured for royalty purposes? \_\_\_\_\_
- (13) Does the requested deduction include special services such as gauging, intermediate stops, etc? If so, indicate amount and define services: \_\_\_\_\_
- (14) Net price received: \$ \_\_\_\_\_ Gravity (API): \_\_\_\_\_
- (15) Are you affiliated with the purchaser or transporter: \_\_\_\_\_ If so, explain (use additional sheet if necessary): \_\_\_\_\_
- (16) Does this application cover all production from the above lease? \_\_\_\_\_ If not, explain: \_\_\_\_\_

III. Natural Gas and Extracted Liquid Hydrocarbons

☐ Not Applicable

- (1) Purchaser: Northwest Pipeline Corporation
- (2) Date(s) of contract and or amendment(s): 11-15-78 Contract No: \_\_\_\_\_
- (3) Delivery point: SE 1/4 sec. 6, T20S, R24E SLB&M
- (4) a. How and where will production be measured for royalty purposes? At the wellhead by orifice meter.  
b. How and where will quality (BTU) be determined? Northwest Pipeline Corp. has made a B.T.U. test on well #1-7 by analyzing a gas sample after an extended gas flow test. A B.T.U. test will be made on the #1-6 well by analyzing a gas sample taken at the wellhead. Tests will be made every 6 months by "method for natural gas chromatography, revised and adopted as stanard, 1964, by the natural gas

processors Assoc."

(5) Are you affiliated with the purchaser? No If so, explain: \_\_\_\_\_

(6) Contract provisions:

Pressured delivered by seller-

(a) Contract covers: dry gas (X) residue gas and liquids ( ) wet gas ( ) not to exceed 1000 p.s.i.g.

(b) ~~Delivery~~ pressure: Operating pressure at Northwest delivery pt. not to exceed 500 p.s.i.g.

(c) ~~FERC~~ jurisdiction. No ( ) Yes (X) If yes, show ~~FERC~~ ceiling price applicable to such sale 1) explained below

(d) FEA maximum price for liquids N/A

(e) Does quality affect contract price? Yes If so, how? By multiplying the baseprice by a fraction whose numerator is the actual Btu of the gas and whose denominator is 1,000.

(f) Contract price Beginning \$1.50 as of 9-30-78 adjusted to Btu content

Escalations 1¢/3 mos; see below (2)

(g) Is gas processed? No If yes, show plant and plant operator: \_\_\_\_\_

(h) Percent of residue and/or liquids retained by seller: 100%

(i) Are you affiliated with the plant operator? No If so, explain: \_\_\_\_\_

(7) Amount being paid by purchaser as a gathering allowance: None

(8) Tax and/or other reimbursement provisions: Purchaser will reimburse seller 100% of all present production, severance or similar taxes. Excluding franchise, advalorem and income taxes

(9) Does contract price include special services such as dehydration or compression? No If so, indicate amount and define service.

(10) Does this application cover all production from the above lease? No If not, explain Excepted are volumes of gas necessary for operations on the lease such as compression facilities

(11) Other purchasers physically able to take production: None

Applicant Bowers Oil and Gas Exploration, Inc. Address P.O. Box 636, Grand Junction, Colorado 81501  
Signed Camille Bowers  
Title President Telephone 303 245-1342

NOTE: Gas values are established at a pressure base of 14.73 psia. Such values may be redetermined to conform with subsequent FPC cell-ing prices or to otherwise reflect changing conditions.

- (1) We think the well #-1-7 will receive the new gas price which is now \$1.93/M.C.F. escalated. We think the well #1-6 will receive the incentive gas price which is now \$1.86/M.C.F. escalated
- (2) The contract was set up prior to the recent energy bill which increased the base rate as well as the escalation rate. The contract does stipulate, however, should FERC make such increases Northwest pipeline will make purchase payments to reflect those increases.

December 14, 1977

James E. Bowers  
P.O. Box 838  
Grand Junction, Colorado 81501

Re: Well No. Bowers Fed. 1-6  
Sec. 6, T. 20 S, R. 24 E,  
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 102-5.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer  
HOME: 582-7247  
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30411.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
Director

cc: U.S. Geological Survey

D-19.



# JAMES E. BOWERS

OIL & GAS EXPLORATION  
P.O. BOX 636  
GRAND JUNCTION, CO. 81501  
BUS. 303-245-1342  
RES. 303-242-6311

JAMES E BOWERS

#1-6

SW SW Sec. 6, 20S, 24E  
Grand County

Enclosed are: (1) Bond for oil & gas operations; (2) "Designation of Agent," as required by applicable rules and regulations. They are to apply to "applications for permit to drill" sent in earlier by J. W. Buckhalter for: (1) Bowers Federal Well #1-6, SW SW SE Sec. 6, T 20S, R 24E, Grand County, Utah; (2) Bowers Federal #1-7 SE SW NE Sec. 7, (same township and county as #1-6).

file

Sincerely yours,

James E. Bowers



# JAMES E. BOWERS

OIL & GAS EXPLORATION  
P.O. BOX 636  
GRAND JUNCTION, CO. 81501

BUS. 303-245-1342  
RES. 303-242-6311

## DESIGNATION OF AGENT

I, James E. Bowers, have applied for a permit to drill for oil and/or gas in the state of Utah. Pursuant to applicable rules and regulation, I hereby designate Mr. J.N. ("Newt") Burkhalter, 2811 Filmore, Salt Lake City, Utah, 84106, to act as my agent to accept and be served notices from persons designated by the State of Utah.

I agree to report all changes of address of my agent as well as report his termination as my agent. If termination occurs I will obtain a new agent and report the same.

Effective Date: 12 Dec. 1977

*James E. Bowers*  
James E. Bowers  
P.O. Box 636  
Grand Junction, Co. 81501

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U38364

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

Bowers Fed. #1-6

10. FIELD AND POOL, OR WILDCAT

Cisco Springs

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

SLB&M

SWSWse sec. 6, t20s, r24e

12. COUNTY OR PARISH  
Grand

13. STATE  
Utah

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

James E. Bowers

3. ADDRESS OF OPERATOR

Mail- PO Box 636, Grand Junction, CO. 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*

See also space 17 below.  
At surface

swwse sec. 6, t20ssr24e, Grand County, Utah  
300 ft. FSL, 2270 ft. FEL

14. PERMIT NO.

Not Issued

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4695 ft. GR

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

SUBSEQUENT REPORT OF:

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

We propose to set 150 ft. of surface casing rather than 200 ft. as originally proposed in our Application for permit to drill.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: 12/22/77

BY: C. E. Fugitt

18. I hereby certify that the foregoing is true and correct

SIGNED

James E. Bowers

TITLE

DATE

16 Dec. 1977

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



PORTION OF NISH  
FLAT, UTAH QUAD

PATSAN

BM 4699  
1-6  
EL 4695

1-7  
EL 4648  
F L A T

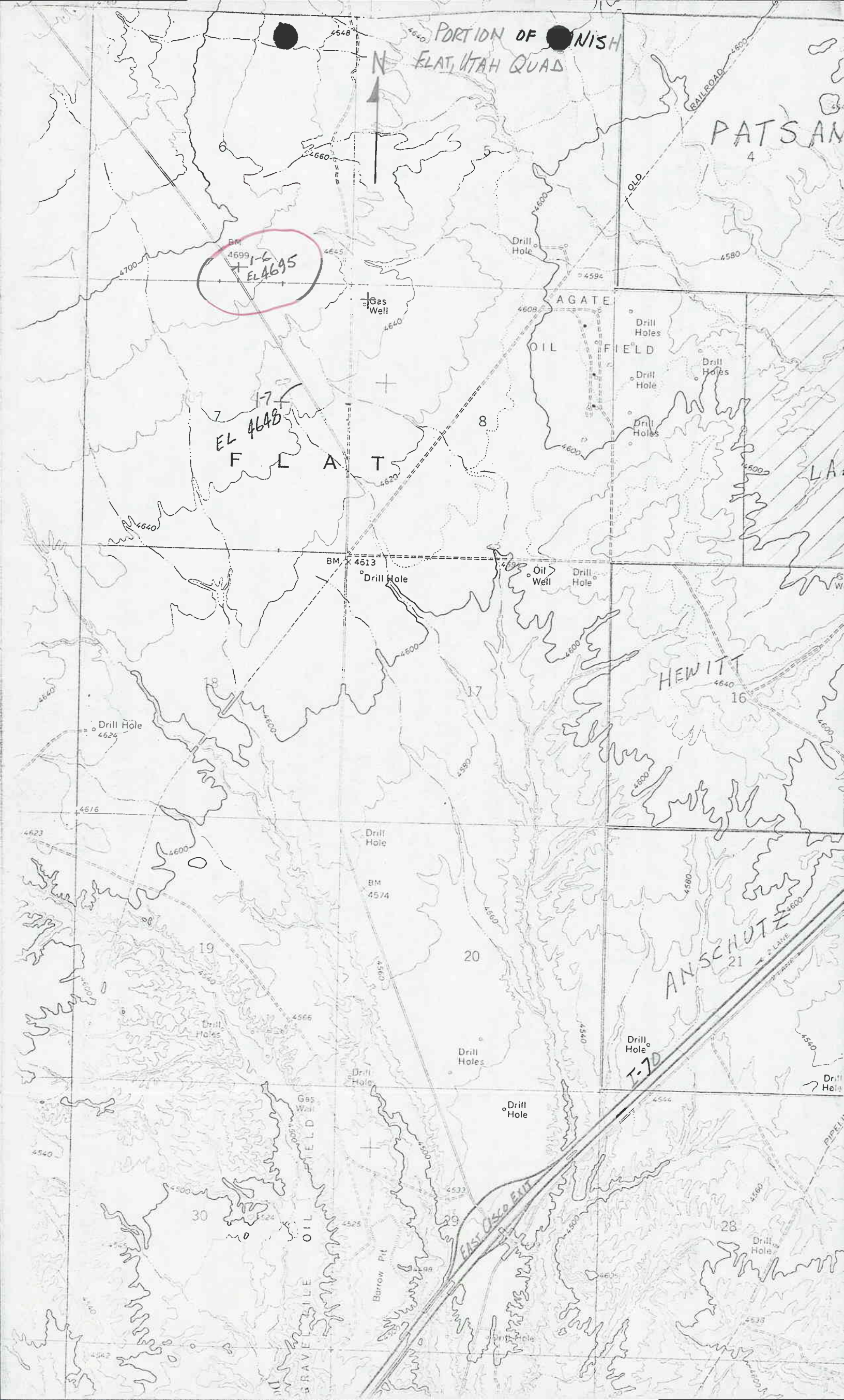
AGATE  
OIL FIELD

HEWITT

ANSCHUTZ

GRAVELL OIL FIELD

EAST OGDEN



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒OTHER ☐SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

James E. Bowers

## 3. ADDRESS OF OPERATOR

P.O. Box 636, Grand Junction, Colorado 81501

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

335' FSL, 2235' FEL  
300' FSL, 2270' FEL

At proposed prod. zone

Same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

8 miles NE of Cisco, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

370'

## 16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

none

## 19. PROPOSED DEPTH

2000

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4695 GR

## 22. APPROX. DATE WORK WILL START\*

January 15, 1978

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4"	7"	17lb (new)	200 ft	40 sx Class G-Circulate
6 1/4"	4 1/2"	10.5 lb (new)	2000 ft	50 sx Dowell BFC

Approval notice - Steve O. and Joe  
Propose to Test Salt Wash Member of Morrison Formation.  
Surface Use Plan Attached: Note: Water Sands are not anticipated.  
Surface FMN - Mancos Shale  
Estimated Tops:

Dakota: 1450 Gas

Morrison: 1600

Salt Wash: 1800 Gas

Pressure Control: Schematic attached showing BOP, Kill Lines, Check Valves & Pressure  
Ratings, Seven Point Plan Attached.

Logging: IES-Gamma &amp; FDC-CNL, No Coring Planned.

Hazards: Experience does not indicate that abnormal pressures or Hydrogen Sulfide  
will be encountered.

Starting Date: January 15, 1978, Ten Days Operating Time.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive  
zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout  
preventer program, if any.

## 24.

SIGNED

TITLE

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DISTRICT ENGINEER

APPROVED BY (NAME AND TITLE) E. W. GUYNN

TITLE

DATE

JAN 16 1978

T20 S, R24 E, SLB & M

A hand-drawn map on a grid showing 7 sections. The sections are numbered 1 through 7. Section 1 is in the top right, 2 is to its left, 3 is to the left of 2, 4 is to the left of 3, 5 is below 4, 6 is below 5, and 7 is below 6. The map includes several annotations:

- A north arrow pointing upwards, labeled 'N'.
- A scale:  $1'' = 1000'$ .
- A bearing of  $N0^{\circ}03'W$  along the right boundary of the grid.
- A bearing of  $N89^{\circ}56'E$  along the bottom boundary of the grid.
- A distance of  $2270'$  along the bottom boundary from the left corner to the right corner.
- A distance of  $300'$  from the bottom-left corner to the center of a well.
- A well labeled 'WELL 1-6' is located in section 6.
- An elevation of  $ELEV 4695'$  is noted near the well.
- Two boundary points are marked with diamonds and labeled 'B.C.' (Boundary Corner).

GRAND COUNTY, UTAH

J. N. Burkhalter  
J. N. BURKHALTE

J. N. BURKHALTER, PE-LS

UTAH PROFESSIONAL ENGINEER #4187

J.N. BURKHALTER, PE-LS

PLAT SHOWING LOCATION  
OF BOWERS FEDERAL WELL  
No. 1-6, GRAND COUNTY,  
UTAH.

NOVEMBER 30, 1977





J. N. BURKHALTER

Oil, Gas and Pipeline Consultant

Professional Engineer and Land Surveyor

Registered in Rocky Mountain States

0270 Rockledge Drive  
Glenwood Springs, Colo. 81601  
Telephone 303/945-6976

BOWERS FEDERAL WELL NO. 1-6

SWSWSE Sec. 6, T20S, R24E, SLB&M

Grand County, Utah

SURFACE USE PLAN

Geographical: 8 miles northeast of Cisco, Utah.

Terrain: Flat Mancos shale.

Vegetation: Sparse sage brush.

Surface Water: None..This is dry, desolate, desert country.

1. Existing Roads: Existing roads are 15-18 feet wide, with native ground as surface material. This is primarily Mancos shale with a little Cretaceous gravel in some places.

Bowers Federal Well No. 1-6 is located North of the East Cisco Exit of I-70.

The included map shows all access roads and roads within a several mile radius of the location.

There are no immediate plans for improvement of existing roads. If commercial production is found and road improvement is needed, it will be considered at the appropriate time.

2. Planned Access Roads: The map indicates all necessary access roads be constructed which will be to the same physical characteristics as existing roads - 15-18 feet wide with native Mancos shale as surface with maximum grades not to exceed 3-4%. There will be no culverts required and no major cuts and fills required for access to the well applied for. No fence cuts or cattle guards will be required.
3. Location of Existing Wells: As you can see from the map, existing wells have been located upon the map. The status of the wells is generally indicated on the map by the manner in which the well is marked. There are no water wells or disposal wells.

The well applied for in this application has been referenced in two directions with reference stakes set at 150 feet in two directions giving a total reference of 300 feet for the well.

4. Location of Existing and/or Proposed Facilities:

- a) There are no tank batteries off of well locations within a one mile radius of the proposed location. Gas gathering lines are indicated on the attached map. All lines in the area are surface lines.
- b) If production is found, storage facilities will be located on the location. If gas is discovered in commercial quantities, necessary pipelines will be applied for at that time.

Complete protective measures such as fences will be used to protect livestock and wildlife in the area.

- c) Rehabilitation of all disturbed areas no longer needed after construction is completed will be returned to smooth contour and all debris will be cleaned up. All pits will be covered and cleaned up after drill operations. Those pits required for production will be fenced.

5. Location and Type of Water Supply: Water will be acquired either from Cisco Springs, which is about 5 miles West of the proposed well location, or from the Colorado River, which is about 5 miles Southeast of Cisco, Utah. Water will be transported by truck. Existing roads will be used to transport water.

No water well will be drilled on the lease.

6. Source of Construction Materials: No construction materials such as sand, gravel, stone and soil will be used other than that found in the native location.

In the event that tanks and production equipment are required, gravel will be hauled from Grand Junction, Colorado or Moab, Utah to set tanks on. This gravel will be purchased from private enterprise.

7. Methods for Hauling Waste Disposal:

- a) Cuttings - The hole will be 90% air drilled and cuttings will be blown out on the ground. These cuttings will be smoothed out and integrated into the native ground surface.
- b) Drilling Fluids - Will be contained in steel mud tanks. A dirt pit will be dug to contain excess flow out of the well during cementing and completion operations. Of course, these pits will be cleaned up and covered up.

- c) Produced Fluids such as Oil and Water - Will be properly disposed of with oil being stored in tanks and water being diverted to the pit and disposed of as required.
  - d) Sewage - A chemical toilet will be provided on the location for use by personnel.
  - e) Garbage and Other Waste Material - Will be contained in 30 gallon galvanized garbage cans and hauled off the location, or buried in a fenced pit.
  - f) As stated before, the entire well site area will be properly cleaned up and restored to smooth contour when the rig moves out. Only that part of the location required for production operations will be kept in use. In the event of a dry hole, the only appurtenance left at the location will be the required dry hole marker.
8. Ancillary Facilities: There will be no camps or air strips required for this drilling operation.
9. Well Site Layout: A plat on a scale of 1" = 40' is included with the application showing location and orientation of the drilling rig, mud tanks, reserve pit, pipe racks and other appurtenances to the operation. For the time being pits will be unlined as allowed by present law. The only water introduced into these pits will be fresh water used in the drilling operation.
10. Plans for Restoration of Surface: As stated before, the entire location will be restored to smooth contour. Also stated, the vegetation in this desert area is extremely sparse and it is quite doubtful that revegetation would be practical at all.

It is intended to have all locations cleaned up within 30 days after operations are concluded.

11. Other Information:

- a) The topography of these locations near Cisco, Utah is a very gentle rolling, flat characteristic. The soil is raw Mancos shale with extremely sparse vegetation. A few coyotes, prairie dogs and cottontail rabbits occupy the entire area.
- b) The only other surface use activities other than petroleum exploration in the area is in spring grazing of the sparse vegetation by cattle and sheep.
- c) The proximity of water has been described at Cisco Springs, (about 5 miles west) or at the Colorado River which is about 5 miles southeast of Cisco, Utah. The only occupied dwellings are at Cisco, Utah, which has been located already. There will be no disturbance to archeological, historical or cultural sites by drilling the applied-for well in the present application. The land is under the jurisdiction of the Bureau of Land Management.

12. Operator's Representative:

J. N. Burkhalter  
0270 Rockledge Drive  
Glenwood Springs, Colorado 81601  
(303) 945-6976  
Mobile (303) 245-3660, Unit 472

13. I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by \_\_\_\_\_ and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

12/6/77

date

J. N. Burkhalter  
J. N. Burkhalter, PE-LS  
Consulting Engineer



J. N. BURKHALTER

Oil, Gas and Pipeline Consultant

Professional Engineer and Land Surveyor

Registered in Rocky Mountain States

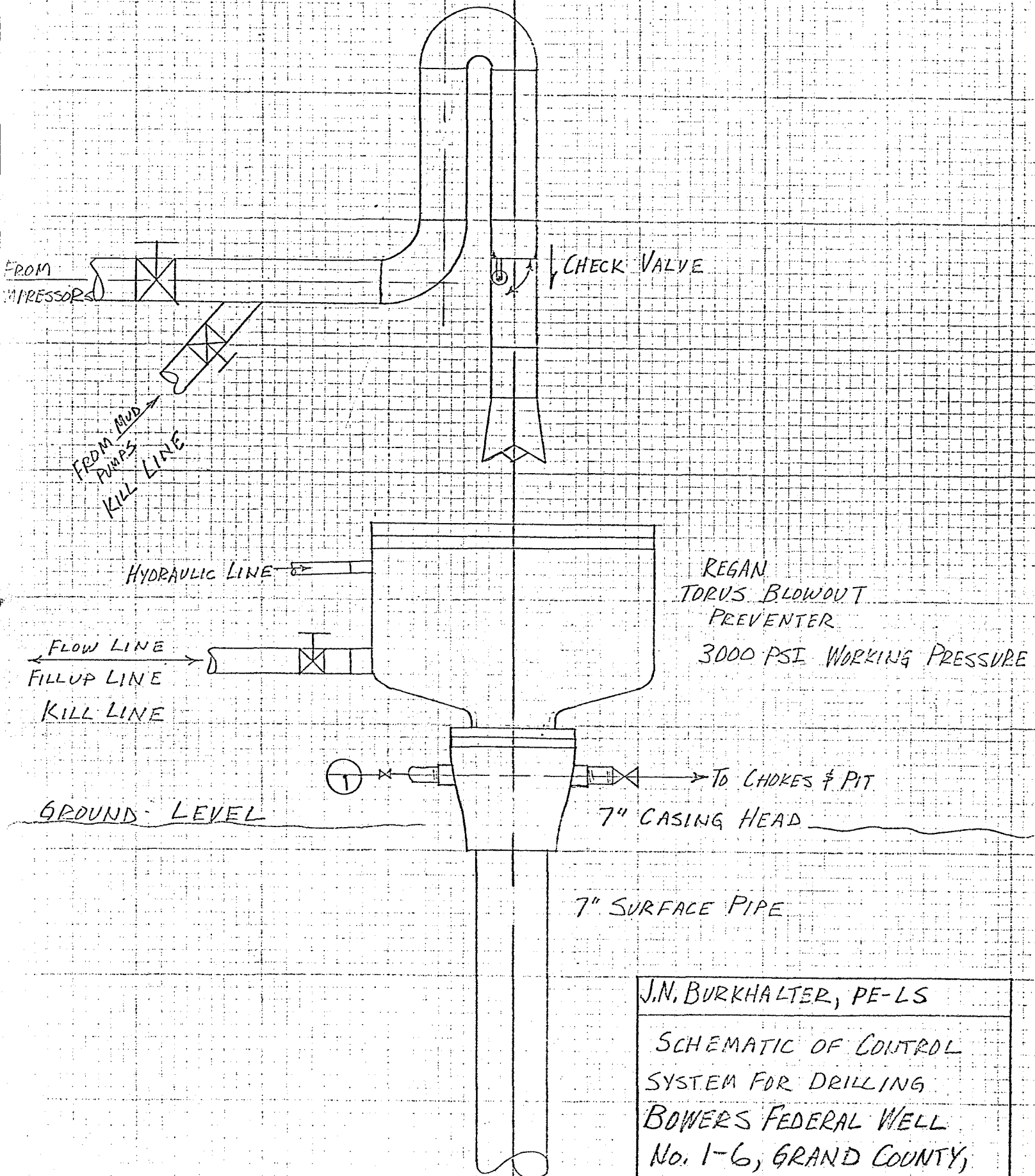
0270 Rockledge Drive  
Glenwood Springs, Colo. 81601  
Telephone 303/945-6976

Re: Bowers Federal Well No. 1-6  
SWSWSE Sec. 6, T20S, R24E, SLB&M  
Grand County, Utah  
Lease: U-38364

PRESSURE MONITORING AND CONTROL DATA  
SEVEN POINT PLAN

1. Surface Casing: Set at 200'  
Size 7"  
Weight 17#  
Length Range 2  
Grade J-55 new. Tested to 3000 psig.
2. Casing Heads:  
Series 600 - 1500 psi working pressure.
3. Production Casing:  
Size 4½"  
Weight 10.5 lb.  
Length Range 3  
Grade J-55, new, tested to 3000 psig.
4. Pressure Control:  
BOP Regan Torus BOP  
Series 600 - Tested to 3000 psig  
Rams One size fits all - even blind.  
Will use fill, kill and choke lines.
5. Auxiliary Pressure Control:
  - a. Kelly cocks.
  - b. Check valve at bit.
  - c. Monitoring equipment on mud system.
  - d. A sub on floor with a full opening valve to be stabbed into drill pipe when Kelly is out of string.
6. Anticipated Bottom Hole Pressure:  
800 psig.
7. The Type of Drilling Fluid:  
Air until gas encountered.  
Mud up with Polymer mud with NaCl and CaCl<sub>2</sub> as weighting agent -  
10.5 to 11.00 lb. per gal. as required.

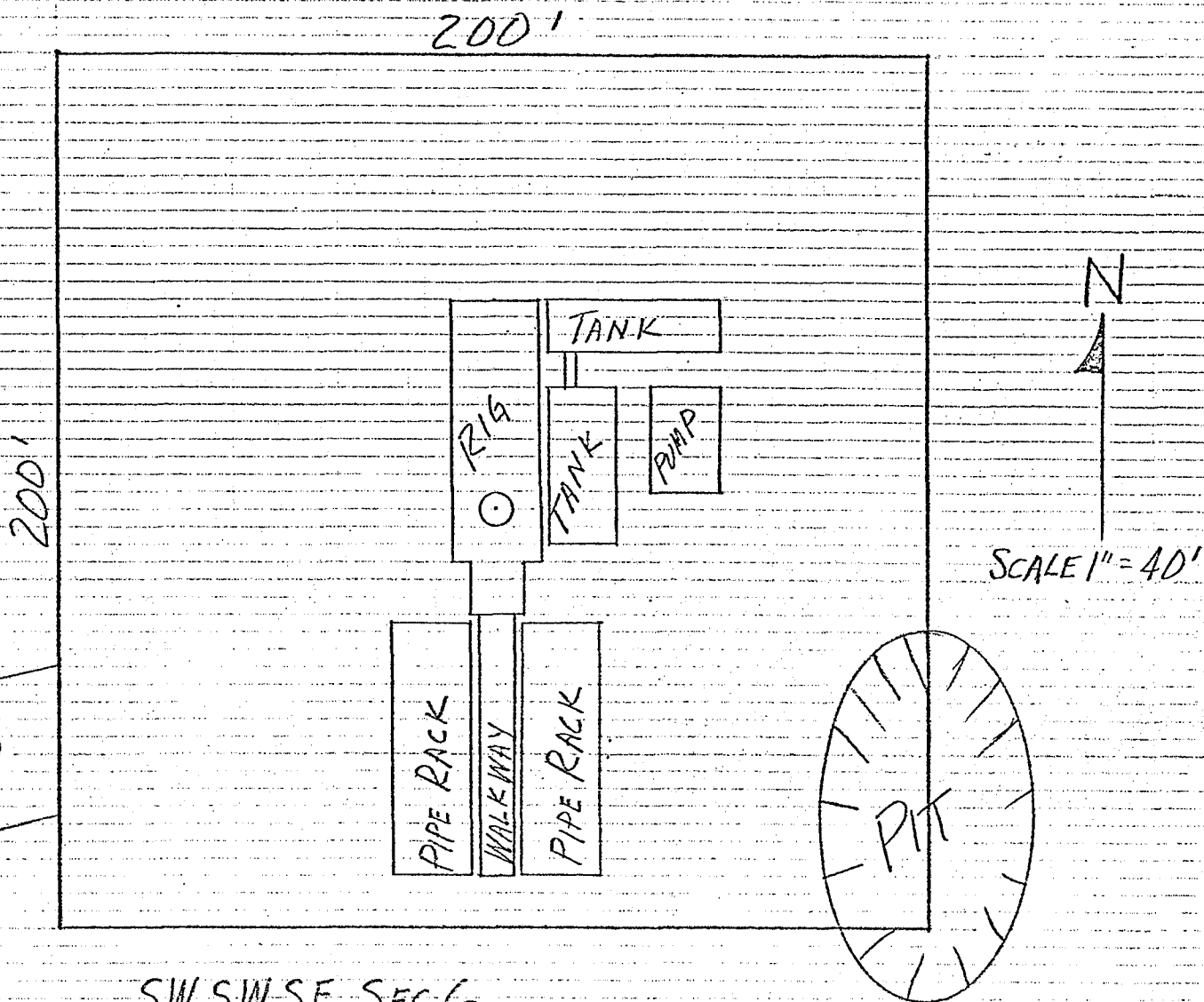




J.N. BURKHALTER, PE-LS

SCHEMATIC OF CONTROL  
SYSTEM FOR DRILLING  
BOWERS FEDERAL WELL  
No. 1-6, GRAND COUNTY,  
UTAH.

PROPOSED ROAD LOCATION  
SITE LAYOUT



SW SW SE SEC 6  
T20S, R24E, SLB#M

GRAND COUNTY, UTAH

J.N. BURKHALTER, PE-LS  
PROPOSED ROAD LOCATION  
SITE LAYOUT  
BOWERS FEDERAL WELL  
No. 1-6

PORTION OF NISH  
FLAT, UTAH QUAD

N

PATSAN

BM 4699  
+ EL 4695

17  
EL 4648  
F L A T

AGATE

OIL FIELD

HEWITT

ANSCHUTZ

EAST CISO EXIT

GRAVELSIDE OIL FIELD

Borrow Pit

PIPELINE



# GENERAL POWER OF ATTORNEY

No. 78941

**Know all Men by these Presents:**

That UNITED STATES FIDELITY AND GUARANTY COMPANY, a corporation organized and existing under the laws of the State of Maryland, and having its principal office at the City of Baltimore, in the State of Maryland, does hereby constitute and appoint

**Rodney C. Power**

of the City of **Grand Junction**, State of **Colorado**  
its true and lawful attorney in and for the State of **Colorado**

for the following purposes, to wit:

To sign its name as surety to, and to execute, seal and acknowledge any and all bonds, and to respectively do and perform any and all acts and things set forth in the resolution of the Board of Directors of the said UNITED STATES FIDELITY AND GUARANTY COMPANY, a certified copy of which is hereto annexed and made a part of this Power of Attorney; and the said UNITED STATES FIDELITY AND GUARANTY COMPANY, through us, its Board of Directors, hereby ratifies and confirms all and whatsoever the said

**Rodney C. Power**

may lawfully do in the premises by virtue of these presents.

In Witness Whereof, the said UNITED STATES FIDELITY AND GUARANTY COMPANY has caused this instrument to be sealed with its corporate seal, duly attested by the signatures of its Vice-President and Assistant Secretary, this **30th** day of **January**, A. D. 19 **68**

UNITED STATES FIDELITY AND GUARANTY COMPANY.

(Signed)

By..... **Karl H. Doerre**.....  
Vice-President.

(SEAL)

(Signed)

..... **H. G. Sachse**.....  
Assistant Secretary.

STATE OF MARYLAND,  
BALTIMORE CITY,

ss:

On this **30th** day of **January**, A. D. 19 **68**, before me personally came

**Karl H. Doerre**, Vice-President of the UNITED STATES FIDELITY AND GUARANTY COMPANY and **H. G. Sachse**, Assistant Secretary of said Company, with both of whom I am personally acquainted, who being by me severally duly sworn, said that they resided in the City of Baltimore, Maryland; that they, the said **Karl H. Doerre** and **H. G. Sachse** were respectively the Vice-President and the Assistant Secretary of the said UNITED STATES FIDELITY AND GUARANTY COMPANY, the corporation described in and which executed the foregoing Power of Attorney; that they each knew the seal of said corporation; that the seal affixed to said Power of Attorney was such corporate seal, that it was so fixed by order of the Board of Directors of said corporation, and that they signed their names thereto by like order as Vice-President and Assistant Secretary, respectively, of the Company.

My commission expires the first day in July, A. D. 19..69....

(SEAL)

(Signed)

..... **Herbert J. Aull**.....  
Notary Public.

STATE OF MARYLAND  
BALTIMORE CITY,

Sct.

I, **James F. Carney**, Clerk of the Superior Court of Baltimore City, which Court is a Court of Record, and has a seal, do hereby certify that **Herbert J. Aull**, Esquire, before whom the annexed affidavits were made, and who has thereto subscribed his name, was at the time of so doing a Notary Public of the State of Maryland, in and for the City of Baltimore, duly commissioned and sworn and authorized by law to administer oaths and take acknowledgments, or proof of deeds to be recorded therein. I further certify that I am acquainted with the handwriting of the said Notary, and verily believe the signature to be his genuine signature.

In Testimony Whereof, I hereto set my hand and affix the seal of the Superior Court of Baltimore City, the same being a Court of Record, this **30th** day of **January**, A. D. 19 **68**

(SEAL)

(Signed)

..... **James F. Carney**.....  
Clerk of the Superior Court of Baltimore City.

COPY OF RESOLUTION

*That Whereas*, it is necessary for the effectual transaction of business that this Company appoint agents and attorneys with power and authority to act for it and in its name in States other than Maryland, and in the Territories of the United States and in the Provinces of the Dominion of Canada and in the Colony of Newfoundland.

*Therefore, be it Resolved*, that this Company do, and it hereby does, authorize and empower its President or either of its Vice-Presidents in conjunction with its Secretary or one of its Assistant Secretaries, under its corporate seal, to appoint any person or persons as attorney or attorneys-in-fact, or agent or agents of said Company, in its name and as its act, to execute and deliver any and all contracts guaranteeing the fidelity of persons holding positions of public or private trust, guaranteeing the performances of contracts other than insurance policies and executing or guaranteeing bonds and undertakings, required or permitted in all actions or proceedings, or by law allowed, and

*Also*, in its name and as its attorney or attorneys-in-fact, or agent or agents to execute and guarantee the conditions of any and all bonds, recognizances, obligations, stipulations, undertakings or anything in the nature of either of the same, which are or may be by law, municipal or otherwise, or by any Statute of the United States or of any State or Territory of the United States or of the Provinces of the Dominion of Canada or of the Colony of Newfoundland, or by the rules, regulations, orders, customs, practice or discretion of any board, body, organization, office or officer, local, municipal or otherwise, be allowed, required or permitted to be executed, made, taken, given, tendered, accepted, filed or recorded for the security or protection of, by or for any person or persons, corporation, body, office, interest, municipality or other association or organization whatsoever, in any and all capacities whatsoever, conditioned for the doing or not doing of anything or any conditions which may be provided for in any such bond, recognizance, obligation, stipulation, or undertaking, or anything in the nature of either of the same.

I, **W. J. D. Somerville, Jr.**, an Assistant Secretary of the UNITED STATES FIDELITY AND GUARANTY COMPANY, do hereby certify that the foregoing is a full, true and correct copy of the original power of attorney given by said Company to **Rodney C. Power**

of **Grand Junction, Colorado**, authorizing and empowering **him** to sign bonds as therein set forth, which power of attorney has never been revoked and is still in full force and effect.

And I do further certify that said Power of Attorney was given in pursuance of a resolution adopted at a regular meeting of the Board of Directors of said Company, duly called and held at the office of the Company in the City of Baltimore, on the 11th day of July, 1910, at which meeting a quorum of the Board of Directors was present, and that the foregoing is a true and correct copy of said resolution, and the whole thereof as recorded in the minutes of said meeting.

*In Testimony Whereof*, I have hereunto set my hand and the seal of the UNITED STATES FIDELITY AND GUARANTY COMPANY on **December 1, 1977**  
(Date)

**W J D Somerville Jr**  
Assistant Secretary.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-38364

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

Bowers Fed. #1-6

10. FIELD AND POOL, OR WILDCAT

Cisco Springs

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

sec. 6, T20S, R24E, SLB&amp;M

12. COUNTY OR PARISH 13. STATE

Grand Utah

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

James E. Bowers

3. ADDRESS OF OPERATOR

PO Box 636, Grand Junction, CO., 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*

See also space 17 below.)  
At surface

330 ft. FSL, 2270 ft. FEL, (Original Location)

14. PERMIT NO.

API #43-019-30411

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4695 GR

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☒

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐

(Other)

REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

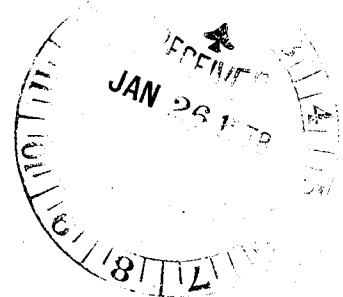
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The location of the well, as shown above, was deemed, by the USGS, to be too close to a county road. Therefore we have changed the location to satisfy their requirements. The new location will be 335 ft. FSL, 2235 ft. FEL (same sec., T., R., M.). Enclosed is a diagram describing the change.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: Jan 26, 1978

BY: P. H. Russell



18. I hereby certify that the foregoing is true and correct

SIGNED

James E. Bowers

TITLE

DATE

24 Jan. 78

(This space for Federal or State office use)

APPROVED BY

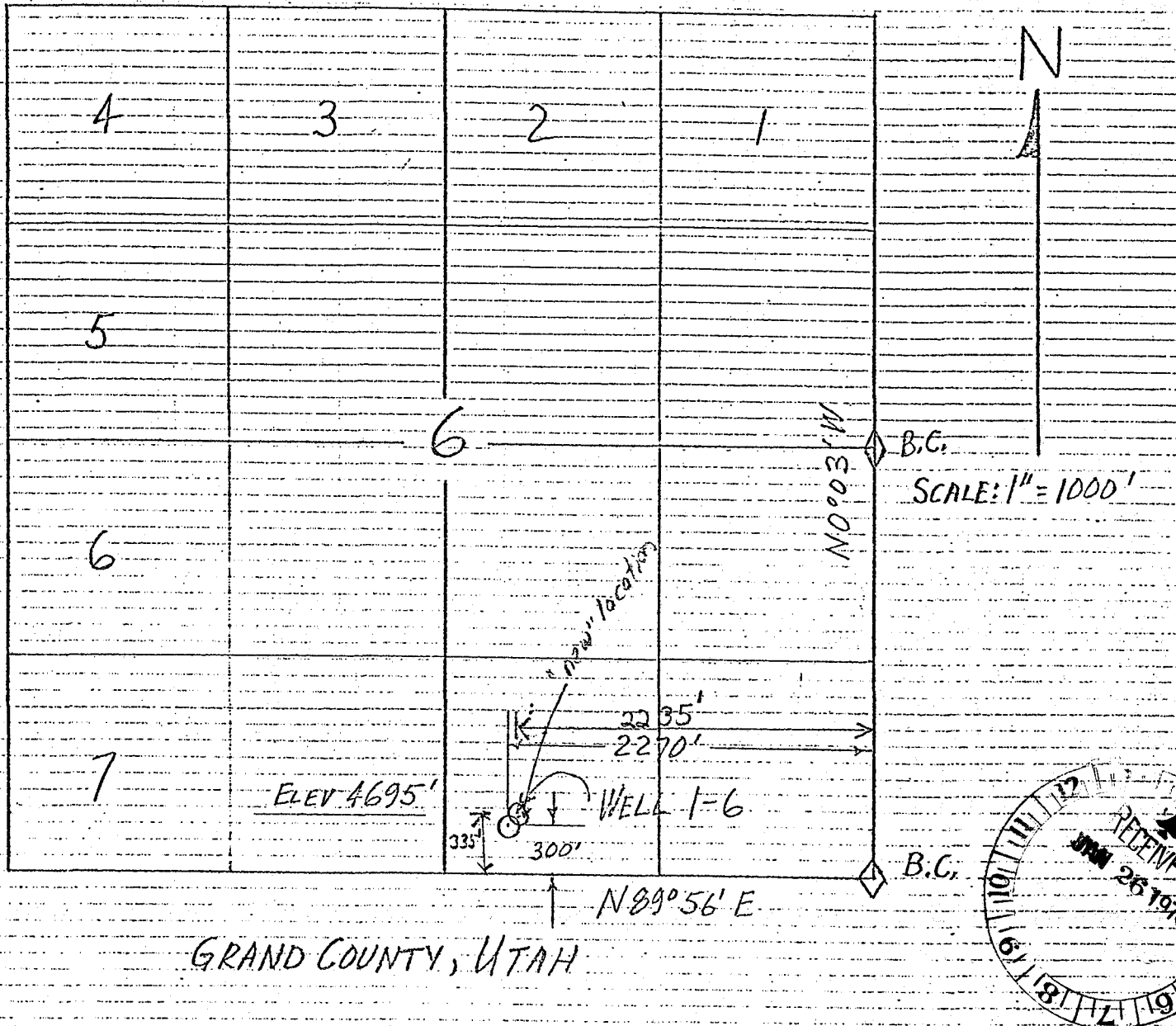
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

# WELL LOCATION T20 S, R24 E, S1B & M

## SECTION 6



GRAND COUNTY, UTAH

J. N. Burkhalter  
J. N. BURKHALTER, PE-LS  
UTAH PROFESSIONAL ENGINEER #4187

J.N. BURKHALTER, PE-LS  
PLAT SHOWING LOCATION  
OF BOWERS FEDERAL WELL  
NO. 1-6, GRAND COUNTY,  
UTAH.  
NOVEMBER 30, 1977

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. #71-038364; U-38364
2. NAME OF OPERATOR Bowers Oil and Gas Exploration, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR P. O. Box 636, Grand Junction, CO 81501		7. UNIT AGREEMENT NAME N/A
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  335 'FSL, 2235 'FEL		8. FARM OR LEASE NAME N/A
14. PERMIT NO. 43-019-30411		9. WELL NO. Bowers Fed. well #1-6
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4695 GR		10. FIELD AND POOL, OR WILDCAT Cisco Springs
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA sec. 6 T20S R24E, SLB&M
		12. COUNTY OR PARISH Grand
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	

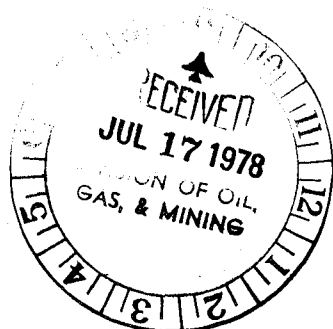
SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

We propose to set 200' of surface casing rather than the 150' as stated in our permit to drill.



APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: July 18, 1978  
BY: P. L. Murrell

18. I hereby certify that the foregoing is true and correct

SIGNED James E. Bowers TITLE President DATE 7/17/78

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:





J. N. BURKHALTER

Oil, Gas and Pipeline Consultant

Professional Engineer and Land Surveyor

Registered in Rocky Mountain States

0270 Rockledge Drive  
Glenwood Springs, Colo. 81601  
Telephone 303/945-6976

BOWERS FEDERAL WELL NO. 1-6

SWSWSE Sec. 6, T20S, R24E, SLB&M

Grand County, Utah

SURFACE USE PLAN

Geographical: 8 miles northeast of Cisco, Utah.

Terrain: Flat Mancos shale.

Vegetation: Sparse sage brush.

Surface Water: None..This is dry, desolate, desert country.

1. Existing Roads: Existing roads are 15-18 feet wide, with native ground as surface material. This is primarily Mancos shale with a little Cretaceous gravel in some places.

Bowers Federal Well No. 1-6 is located North of the East Cisco Exit of I-70.

The included map shows all access roads and roads within a several mile radius of the location.

There are no immediate plans for improvement of existing roads. If commercial production is found and road improvement is needed, it will be considered at the appropriate time.

2. Planned Access Roads: The map indicates all necessary access roads be constructed which will be to the same physical characteristics as existing roads - 15-18 feet wide with native Mancos shale as surface with maximum grades not to exceed 3-4%. There will be no culverts required and no major cuts and fills required for access to the well applied for. No fence cuts or cattle guards will be required.
3. Location of Existing Wells: As you can see from the map, existing wells have been located upon the map. The status of the wells is generally indicated on the map by the manner in which the well is marked. There are no water wells or disposal wells.

The well applied for in this application has been referenced in two directions with reference stakes set at 150 feet in two directions giving a total reference of 300 feet for the well.

4. Location of Existing and/or Proposed Facilities:

- a) There are no tank batteries off of well locations within a one mile radius of the proposed location. Gas gathering lines are indicated on the attached map. All lines in the area are surface lines.
- b) If production is found, storage facilities will be located on the location. If gas is discovered in commercial quantities, necessary pipelines will be applied for at that time.

Complete protective measures such as fences will be used to protect livestock and wildlife in the area.

- c) Rehabilitation of all disturbed areas no longer needed after construction is completed will be returned to smooth contour and all debris will be cleaned up. All pits will be covered and cleaned up after drill operations. Those pits required for production will be fenced.

5. Location and Type of Water Supply: Water will be acquired either from Cisco Springs, which is about 5 miles West of the proposed well location, or from the Colorado River, which is about 5 miles Southeast of Cisco, Utah. Water will be transported by truck. Existing roads will be used to transport water.

No water well will be drilled on the lease.

6. Source of Construction Materials: No construction materials such as sand, gravel, stone and soil will be used other than that found in the native location.

In the event that tanks and production equipment are required, gravel will be hauled from Grand Junction, Colorado or Moab, Utah to set tanks on. This gravel will be purchased from private enterprise.

7. Methods for Hauling Waste Disposal:

- a) Cuttings - The hole will be 90% air drilled and cuttings will be blown out on the ground. These cuttings will be smoothed out and integrated into the native ground surface.
- b) Drilling Fluids - Will be contained in steel mud tanks. A dirt pit will be dug to contain excess flow out of the well during cementing and completion operations. Of course, these pits will be cleaned up and covered up.

- c) Produced Fluids such as Oil and Water - Will be properly disposed of with oil being stored in tanks and water being diverted to the pit and disposed of as required.
  - d) Sewage - A chemical toilet will be provided on the location for use by personnel.
  - e) Garbage and Other Waste Material - Will be contained in 30 gallon galvanized garbage cans and hauled off the location, or buried in a fenced pit.
  - f) As stated before, the entire well site area will be properly cleaned up and restored to smooth contour when the rig moves out. Only that part of the location required for production operations will be kept in use. In the event of a dry hole, the only appurtenance left at the location will be the required dry hole marker.
8. Ancillary Facilities: There will be no camps or air strips required for this drilling operation.
9. Well Site Layout: A plat on a scale of 1" = 40' is included with the application showing location and orientation of the drilling rig, mud tanks, reserve pit, pipe racks and other appurtenances to the operation. For the time being pits will be unlined as allowed by present law. The only water introduced into these pits will be fresh water used in the drilling operation.
10. Plans for Restoration of Surface: As stated before, the entire location will be restored to smooth contour. Also stated, the vegetation in this desert area is extremely sparse and it is quite doubtful that revegetation would be practical at all.

It is intended to have all locations cleaned up within 30 days after operations are concluded.

11. Other Information:

- a) The topography of these locations near Cisco, Utah is a very gentle rolling, flat characteristic. The soil is raw Mancos shale with extremely sparse vegetation. A few coyotes, prairie dogs and cottontail rabbits occupy the entire area.
- b) The only other surface use activities other than petroleum exploration in the area is in spring grazing of the sparse vegetation by cattle and sheep.
- c) The proximity of water has been described at Cisco Springs, (about 5 miles west ) or at the Colorado River which is about 5 miles southeast of Cisco, Utah. The only occupied dwellings are at Cisco, Utah, which has been located already. There will be no disturbance to archeological, historical or cultural sites by drilling the applied-for well in the present application. The land is under the jurisdiction of the Bureau of Land Management.

12. Operator's Representative:

J. N. Burkhalter  
0270 Rockledge Drive  
Glenwood Springs, Colorado 81601  
(303) 945-6976  
Mobile (303) 245-3660, Unit 472

13. I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by \_\_\_\_\_ and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

12/6/77  
date.

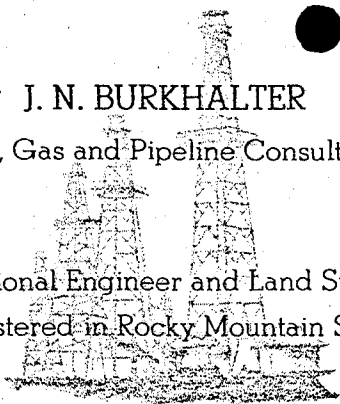
J. N. Burkhalter  
J. N. Burkhalter, PE-LS  
Consulting Engineer

J. N. BURKHALTER

Oil, Gas and Pipeline Consultant

Professional Engineer and Land Surveyor

Registered in Rocky Mountain States

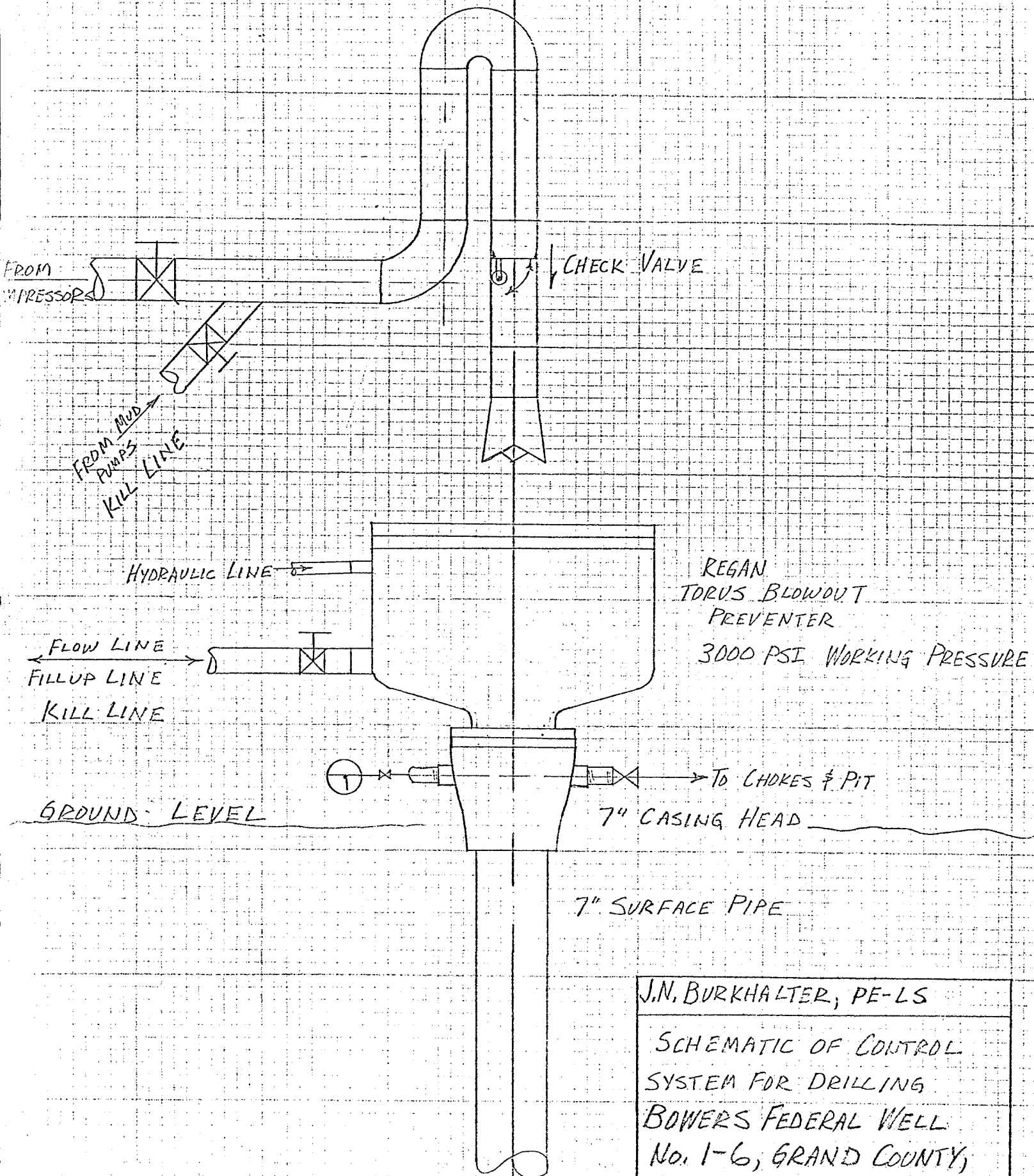


0270 Rockledge Drive  
Glenwood Springs, Colo. 81601  
Telephone 303/945-6976

Re: Bowers Federal Well No. 1-6.  
SWSWSE Sec. 6, T20S, R24E, SLB&M  
Grand County, Utah  
Lease: U-38364

PRESSURE MONITORING AND CONTROL DATA  
SEVEN POINT PLAN

1. Surface Casing: Set at 200'  
Size 7"  
Weight 17#  
Length Range 2  
Grade J-55 new. Tested to 3000 psig.
2. Casing Heads:  
Series 600 - 1500 psi working pressure.
3. Production Casing:  
Size 4½"  
Weight 10.5 lb.  
Length Range 3  
Grade J-55, new, tested to 3000 psig.
4. Pressure Control:  
BOP Regan Torus BOP  
Series 600 - Tested to 3000 psig  
Rams One size fits all - even blind.  
Will use fill, kill and choke lines.
5. Auxiliary Pressure Control:
  - a. Kelly cocks.
  - b. Check valve at bit.
  - c. Monitoring equipment on mud system.
  - d. A sub on floor with a full opening valve to be stabbed into drill pipe when Kelly is out of string.
6. Anticipated Bottom Hole Pressure:  
800 psig.
7. The Type of Drilling Fluid:  
Air until gas encountered.  
Mud up with Polymer mud with NaCl and CaCl<sub>2</sub> as weighting agent -  
10.5 to 11.00 lb. per gal. as required.

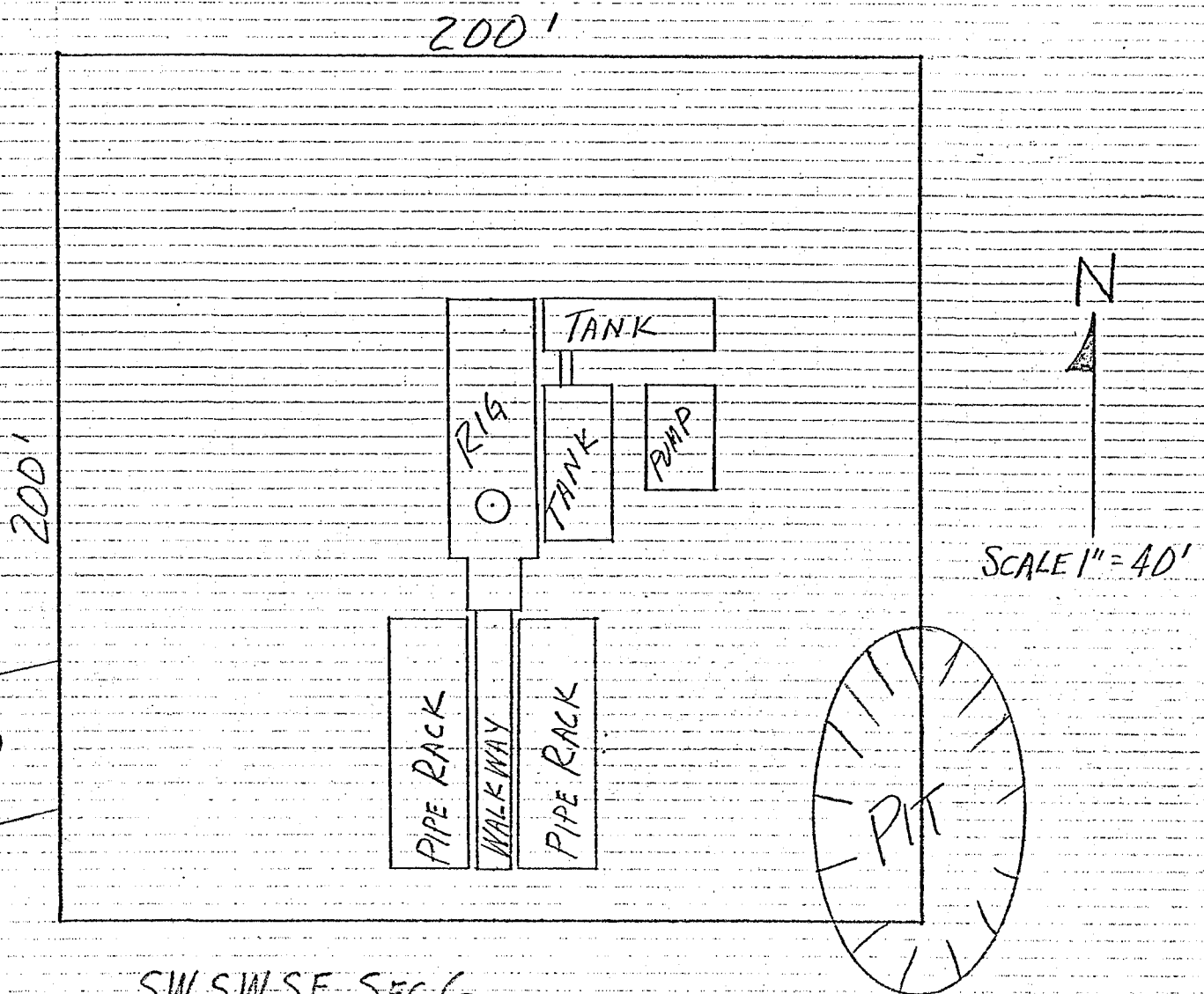


J.N. BURKHALTER, PE-LS

SCHEMATIC OF CONTROL  
SYSTEM FOR DRILLING  
BOWERS FEDERAL WELL  
No. 1-6, GRAND COUNTY,  
UTAH.

# PROPOSED ROAD LOCATION

## SITE LAYOUT



SW SW SE SEC 6  
T20S, R24E, SLB#M

GRAND COUNTY, UTAH

J.N. BURKHALTER, PE-LS  
PROPOSED ROAD LOCATION  
SITE LAYOUT  
BOWERS FEDERAL WELL  
No. 1-6

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

(Form 9-1926)  
(2-76)

OMB 42-R1748

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.65, 30 CFR 221.47), and the terms of the lease. Failure to report can result in the establishment of royalty value as the highest price paid for like production in the field or area, assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

APPLICATION FOR ESTABLISHMENT  
OF ROYALTY VALUES

I. General Information

Lessee/Operator James E. Bowers/Bowers Oil and Gas Exploration, Inc.  
Federal or Indian Lease Nos. 71-038364  
Field or Unit Name Cisco Springs County Grand State Utah

II. Crude Oil and Condensate

☒ Not Applicable

- (1) Name and address of purchaser: \_\_\_\_\_
- (2) Name and address of transporter: \_\_\_\_\_
- (3) Sales point: \_\_\_\_\_ Contract price: \$ \_\_\_\_\_
- (4) Base price from which deductions are taken: \$ \_\_\_\_\_
- (5) Price based on: Company \_\_\_\_\_ Bulletin No. \_\_\_\_\_ Column \_\_\_\_\_
- (6) FFA maximum price: Upper tier \_\_\_\_\_ Lower tier \_\_\_\_\_
- (7) Method of transportation-pipeline, truck, or both? \_\_\_\_\_
- (8) Is transportation mode in use the least expensive available? \_\_\_\_\_
- (9) Is there being charged a published tariff rate? \_\_\_\_\_ If so, attach a copy of tariff. If not, explain: \_\_\_\_\_
- (10) Existing modes of transportation in the field, whether or not available for production from this lease: \_\_\_\_\_
- (11) If a deduction for the cost of transportation is requested, justification must be submitted with the application showing that there are no purchasers available who are willing to absorb such costs.
- (12) How will production be measured for royalty purposes? \_\_\_\_\_
- (13) Does the requested deduction include special services such as gauging, intermediate stops, etc? If so, indicate amount and define services \_\_\_\_\_
- (14) Net price received: \$ \_\_\_\_\_ Gravity (API): \_\_\_\_\_
- (15) Are you affiliated with the purchaser or transporter: \_\_\_\_\_ If so, explain (use additional sheet if necessary): \_\_\_\_\_
- (16) Does this application cover all production from the above lease? \_\_\_\_\_ If not, explain: \_\_\_\_\_

III. Natural Gas and Extracted Liquid Hydrocarbons

☐ Not Applicable

- (1) Purchaser Northwest Pipeline Corporation
- (2) Date(s) of contract and/or amendment(s) 11-15-78 Contract No. \_\_\_\_\_
- (3) Delivery point SE 1/4 sec. 6, T20S, R24E SLB&M
- (4) a. How and where will production be measured for royalty purposes? At the wellhead by orifice meter.
- b. How and where will quality (BTU) be determined? Northwest Pipeline Corp. has made a B.T.U. test on well #1-7 by analyzing a gas sample after an extended gas flow test. A B.T.U. test will be made on the #1-6 well by analyzing a gas sample taken at the wellhead. Tests will be made every 6 months by "method for natural gas chromatography, revised and adopted as standard, 1964, by the natural gas



(5) Are you affiliated with the purchaser? No If so, explain: \_\_\_\_\_

## (6) Contract provisions:

Pressured delivered by seller-

(a) Contract covers: dry gas (X) residue gas and liquids ( ) wet gas ( ) not to exceed 1000 p.s.i.g.

(b) Delivery pressure: Operating pressure at Northwest delivery pt. not to exceed 500 p.s.i.g.

(c) ~~FPC~~ jurisdiction: No ( ) Yes (X) If yes, show ~~FPC~~ <sup>FERC</sup> ceiling price applicable to such sale 1) explained below

(d) FEA maximum price for liquids N/A

(e) Does quality affect contract price? Yes If so, how? By multiplying the baseprice by a fraction whose numerator is the actual Btu of the gas and whose denominator is 1,000.

(f) Contract price: Beginning \$1.50 as of 9-30-78 adjusted to Btu content

Escalations 1¢/3 mos; see below (2)

(g) Is gas processed? No If yes, show plant and plant operator \_\_\_\_\_

Percent of residue and/or liquids retained by seller. 100%

(h) Are you affiliated with the plant operator? No If so, explain: \_\_\_\_\_

(i) Amount being paid by purchaser as a gathering allowance: None

(j) Tax and/or other reimbursement provisions: Purchaser will reimburse seller 100% of all present production, severance or similar taxes. Excluding franchise, advalorem and income taxes

(k) Does contract price include special services such as dehydration or compression? No If so, indicate amount and define service \_\_\_\_\_

(l) Does this application cover all production from the above lease? No If not, explain Excepted are volumes of gas necessary for operations on the lease such as compression facilities

(m) Other purchasers physically able to take production: None

Applicant Bowers Oil and Gas Exploration, Inc. Address P.O. Box 636, Grand Junction, Colorado 81501  
Signed Camille Bowers  
Title President Telephone 303 245-1342

NOTE: Gas values are established at a pressure base of 14.73 psia. Such values may be redetermined to conform with subsequent FPC cell-ing prices or to otherwise reflect changing conditions.

- (1) We think the well #-1-7 will receive the new gas price which is now \$1.93/M.C.F. escalated. We think the well #1-6 will receive the incentive gas price which is now \$1.86/M.C.F. escalated
- (2) The contract was set up prior to the recent energy bill which increased the base rate as well as the escalation rate. The contract does stipulate, however, should FERC make such increases Northwest pipeline will make purchase payments to reflect those increases.

**BOWERS OIL & GAS EXPLORATION INC.**

P.O. Box 636  
GRAND JUNCTION, CO. 81501  
BUS: 303-245-1342  
RES: 303-242-6311

P

October 19, 1978

Utah Oil and Gas Commission  
1588 W. N. Temple  
Salt Lake City, Utah 84116

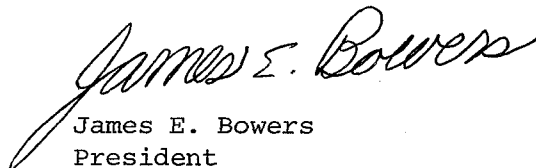
RE: Bowers Federal Well #1-6  
Grand County, Utah

Gentlemen:

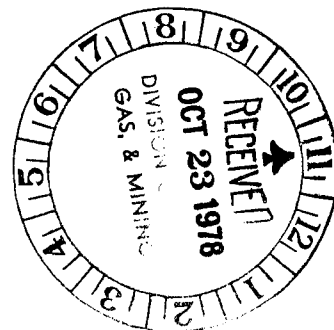
This letter is written as a follow-up to the "water sands encountered" form, concerning the captioned well, that was sent to your office.

No water was noted in the zone (1780-86) where<sup>2</sup> gas was encountered. However, after perforating and acidizing that zone, water began flowing at the rate of 35 barrels/day. This water is being tested now. I will forward a copy of the test results to your office as soon as the laboratory finishes. Also the well completion report will be sent as soon as the production tests are evaluated by N.W. Pipeline Company.

Sincerely yours,

  
James E. Bowers  
President

JEB/bz



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

71-038364;U-38364

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

N/A

9. WELL NO.

Bowers Fed. Wells #1-6, 1-7

10. FIELD AND POOL, OR WILDCAT

Cisco Springs

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

secs 6&amp;7, T20S, R24E, SLB&amp;M

12. COUNTY OR PARISH

Grand

13. STATE

Utah

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Bowers Oil and Gas Exploration, Inc.

3. ADDRESS OF OPERATOR

P.O. Box 636, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)

At surface

#1-7: 1520' FEL, 2340' FNL, sec. 7

#1-6: 335' FSL, 2235' FEL, sec. 6

14. PERMIT NO.  
#1-7: 43-019-30417

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

#1-7: 4648' GR

#1-6: 43-019-30411

#1-6: 4695' GR

16.

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

Lay Pipeline

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

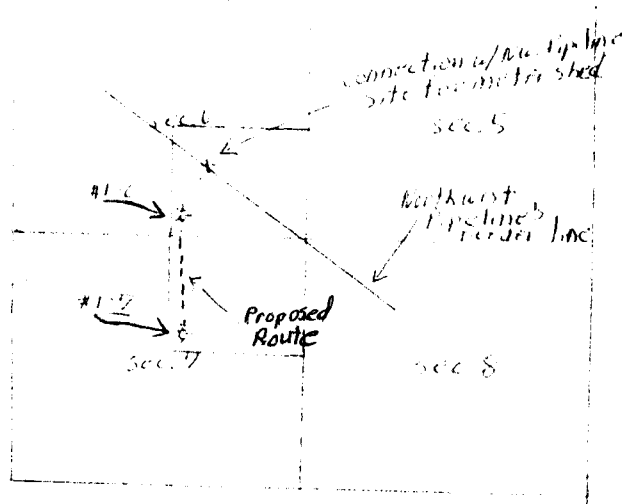
ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

We propose to lay a 3" O.D. pipeline from Bowers Federal Well #1-6, connecting with Well #1-7, and then connecting to Northwest Pipeline's feeder line. I further propose to set-up meter locations by each well-head as well as installing a gas meter shed on a 150' x 50' meter site at the connection point with the Northwest Pipeline feeder line. The line would be laid on the surface. (The diagram below shows the approximate location of the facilities).



18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

President

DATE

11-9-78

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐b. TYPE OF COMPLETION:  
NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Bowers Oil &amp; Gas Exploration, Inc.

3. ADDRESS OF OPERATOR

P.O. Box 636, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 335'FSL, 2235' FEL

At top prod. interval reported below Same as above

At total depth Same as above

14. PERMIT NO.

DATE ISSUED

43-019-30411

12-14-77

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DF, REB, RT, GR, ETC.)\*

19. ELEV. CASINGHEAD

9-12-78

9-16-78

10-17-78

4695GR

4695GR

20. TOTAL DEPTH, MD &amp; TVD

21. PLUG, BACK T.D., MD &amp; TVD

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

2123'

1791

N/A

→

0'-2123'

N/A

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

25. WAS DIRECTIONAL SURVEY MADE

1780'-1786', Backhorn

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL COBED

Gamma-ray correlation; comp. Neutron, Formation Density; Induction-electric

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	17lb.	181'	8 3/4"	50 sx. Glass G-2% cac <sup>12</sup>	3% salt N/A
4 1/2"	9.5 lb.	1927'	6 1/4"	50 sx. 10-2 RFC	N/A

29. LINER RECORD N/A

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/2"	1788	NO

31. PERFORATION RECORD (Interval, size and number)

1780-86; 3/8"; 2/ft.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
0'-1791'	25gal. acid with nitrogen injection
	(mudacid with 1 gal. CS-3, 250 # KCL)

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
10/14/78		Flowing					Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
10/14/78-10/16/78	72	1/2" orifice plate	→	0	543	105	N/A	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
21 lbs	160 lb.	→	0	215	35	N/A		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

James E. Bowers

35. LIST OF ATTACHMENTS

Water analysis, electric logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE President

DATE 11/9/78

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be labeled in this form, see item 35.

**Item 4:** If the well is on applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for applicable State requirements.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

## 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VENT. DEPTH
Cedar Mountain	1690	1780	Nothing	Dakota Silt	1650'	1650'
Cedar Mountain				Cedar Mountain	1690'	1690'
Backhorn Member of Cedar mtn.	1780	1786	Gas (moderate blow)	Morrison	1786'	1786'
1st sand Salt Wash	2115	2123	Salty water; 2 BWPD (estimated)			

Well Name & Number Bowers Federal Well #1-6

Operator Bowers Oil and Gas Exploration, Inc.

Address P.O. Box 636, Grand Junction, Colorado 81501

Contractor Starner Drilling Company, Inc.

Address 916 19½ Road, Fruita, Colorado 81521

Location SW 1/4 SE 1/4; Sec. 6; T. 20 N; R. 24 E; Grand County

From Depth: To - Volume: Flow Rate or Head - Quality: Fresh or Salty -

1.	2115-2122	2 Barrels/day	salty
2.			
3.			
4.			
5.			

(Continue on Reverse Side if Necessary)

Formation Tops:

Dakota	1650 Ft.	Buckhorn	1780	Salt Wqsh	2000 Ft.
Cdr. Mtn.	1690	Morrison	1880 Ft.		

- NOTE: (a) Upon diminishing supply of forms, please inform this office.  
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.  
(c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

JOHN C. HART & CO.  
GRAND JUNCTION LABORATORIES

435 NORTH AVENUE

PHONE 242-7618

GRAND JUNCTION, COLORADO 81501

ANALYTICAL REPORT

Received from:

J. Bowers

*Bowers Fed well #1-6*

Customer No.

Laboratory No.

441

Sample

Water

Date Received

Oct. 18, 1978

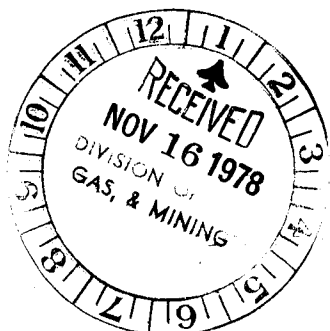
Date Reported

Oct. 30, 1978

Sample

Conductivity@25°C 15000 umhos/cm  
Resistivity 0.66 (ohms/meter)  
pH 6.5

Sodium(Na) 3550 mg/L  
Calcium(Ca) 203 "  
Magnesium(Mg) 34.2 "  
Chloride(Cl) 4990 "  
Sulfate(SO<sub>4</sub>) 1487 "  
Phenol Alkalinity(CaCO<sub>3</sub>) 0 "  
Total Alkalinity(CaCO<sub>3</sub>) 120 mg/L  
Potassium(K) 34.8 mg/L  
Dissolved Solids 10208 "



By *[Signature]*

BOWERS OIL & GAS EXPLORATION INC.

P.O. Box 636  
Boulder, CO. 80501  
Tel: 303-245-1342  
Tel: 303-242-6311



U.S.G.S.  
8440 Federal Building  
125 S. State Street  
Salt Lake City, Utah 84138

November 17, 1978

*11/20/78  
Disposal of this water  
on BLM land  
in Grand County  
Subsurface water  
disposal area - we will  
on BLM land*

Attention: Mr. Willis P. Martens

RE: Disposal of produced water for  
Bowers Federal Wells #1-6 #1-7,  
Grand County, Utah

Dear Mr. Martens:

Very shortly we hope to be producing gas from the captioned wells. Both wells make formation water which, of course, must be disposed of. Mr. Rocky Curnett of the BLM, Meab, and I discussed the feasibility of producing this water into an unlined pit. Mr. Curnett felt at the time this would be alright with him if the water would evaporate and percolate fast enough, an occurrence he had reservation about.

Pursuant to Federal Regulations I request permission to produce water into the unlined pit for 90 days after production begins in order to begin producing the wells as soon as possible and to find out if the water will evaporate and precipitate fast enough to allow us to permanently produce the water into an unlined pit. I will submit the required information concerning permanent disposal of water into unlined pits to your office during the 90 day period, if approved, when we are able to determine the rate of evaporation and percolation of the water.

Sincerely yours,

*James E. Bowers*  
James E. Bowers  
President

JEB/dz



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN DUPLICATE\*  
(Other instructions on reverse side)Form approved.  
Budget Bureau No. 42-R1424.

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO. 71-038364; U-38364
2. NAME OF OPERATOR Bowers Oil and Gas Exploration, Inc.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR P.O. Box 636, Grand Junction, CO 81501	7. UNIT AGREEMENT NAME N/A
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface #1-7: 1520' FEL, 2340' FNL, SEC. 17 #1-6: 335' FSL, 2235' FEL, SEC. 6	8. FARM OR LEASE NAME N/A
14. PERMIT NO. #1-7: 43-019-30417 #1-6: 43-019-30411	9. WELL NO. Bowers Federal Well #1-6,
15. ELEVATIONS (Show whether DF, RT, GR, etc.) #1-7: 4648' GR #1-6: 4695' GR	10. FIELD AND POOL, OR WILDCAT Cisco Springs
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA secs 6 & 7, T20S, R24E, SLB&M
	12. COUNTY OR PARISH Grand
	13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

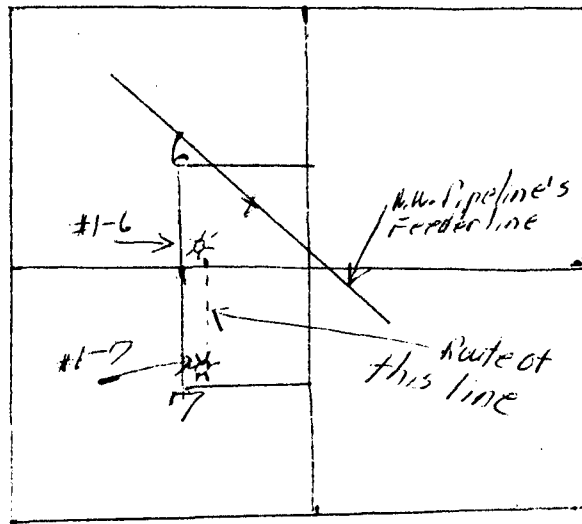
## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Laying pipeline ☒REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The pipeline between Bowers Fed. Wells  
#1-7 and #1-6 and then on to N.W.  
Pipeline, Inc. feeder line has been completed.



18. I hereby certify that the foregoing is true and correct

SIGNED James S. DwyerTITLE PresidentDATE 12-12-78

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

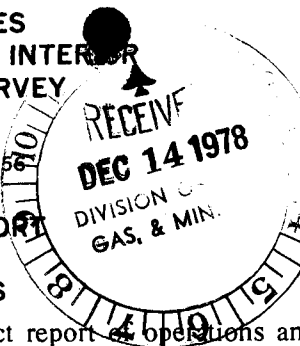
DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
(FORM 9-329)  
(2/76)  
OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS



Lease No. 71-038364  
Communitization Agreement No. N/A  
Field Name Cisco Springs  
Unit Name N/A  
Participating Area N/A  
County Grand State Utah  
Operator Bowers Oil & Gas Exploration, Inc.

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of November, 19 78

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
Wells Fed. #1-7	Sec. 7 SWNE	T20S	R24E	GSI	0	None	None	None	
Wells Fed. #1-6	Sec. 6 SWSE	T20S	R24E	GSI	0	None	None	None	A 3½' pipeline was laid between these two wells and on the N.W. Pipeline, Inc.'s feeder line. They are currently awaiting pipeline connection.

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	None	None	None
*Sold	None	None	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXXX
*Used on Lease	None	None	XXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	None
*Other (Identify)	None	None	None
*On hand, End of Month	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	N/A	N/A	XXXXXXXXXXXXXXXXXX

Authorized Signature: James E. Bowers Address: P.O. Box 636, Grand Junction, CO 81501  
Title: President Page 1 of 1

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. 71-038364
2. NAME OF OPERATOR Bowers Oil and Gas Exploration, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR P.O. Box 636, Grand Junction, Colorado 81501		7. UNIT AGREEMENT NAME N/A
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 335' FSL, 2235' FEL		8. FARM OR LEASE NAME N/A
14. PERMIT NO. 43-019-30411		9. WELL NO. Bowers Fed. well #1-6
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4695 GR		10. FIELD AND POOL, OR WILDCAT Cisco Springs
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 6, T20S, R24E, SLB&M
		12. COUNTY OR PARISH Grand
		13. STATE Utah

## 18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other) temp. survey; cement squeeze; perforate; acidize

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☒

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The captioned well has been making water that we believe may be coming from an adjacent sand. We propose to: (1) run a temperature survey; (2) pump cold water (KCL) into the formation; (3) run another temperature survey. If this procedure proves we have communication we then propose to run a cement squeeze, re-perforate, acidize and frac the well.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: 3-9-79

BY: M. J. M.

18. I hereby certify that the foregoing is true and correct

SIGNED

James Bowers

TITLE

President

DATE

3-7-79

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE  
(Other instructions on reverse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

#71-038364

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

N/A

9. WELL NO.

Bowers Fed. Well #1-6

10. FIELD AND POOL, OR WILDCAT

Cisco Springs

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

T20S, R24E, SLB&amp;M

12. COUNTY OR PARISH

Grand

13. STATE

Utah

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Bowers Oil and Gas Exploration, Inc.

3. ADDRESS OF OPERATOR

P.O. Box 636, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

335' FSL, 2235' FEL

14. PERMIT NO.

43-019-30411

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4695 GR

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) testing for water infiltration X  
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

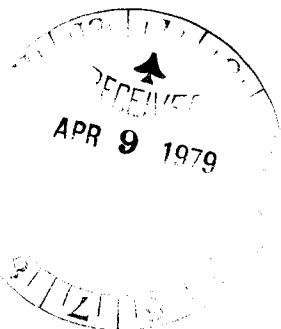
REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Rigged up workover rig on the captioned well 3/19/79. We drilled out approx. 75' of cement in order to get a temp. survey. 3/23/79 we ran the temp. survey before and after pumping in 10 barrels of KCL water. The survey showed communication from the top of the perforated zone to 12 ft. uphole. Since that 12 ft. interval is a connecting sand we determined it would be useless to try a cement squeeze. Because the 75' of cement drilled very easy we felt there is a slight chance the water infiltration could be coming up the inside of the pipe. Just in case, we set a bridge plug at 1824'.



18. I hereby certify that the foregoing is true and correct

SIGNED

James E. Bowers

TITLE President

DATE 4/4/79

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN THE CAPTIONED\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-B1424.

5. LEASE DESIGNATION AND SERIAL NO.

71-038364

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

N/A

9. WELL NO.

Bowers Fed. Well #1-6

10. FIELD AND POOL, OR WILDCAT

Cisco Springs

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

sec. 6, T20S, R24E, SLB&amp;M

12. COUNTY OR PARISH 13. STATE

Grand

Utah

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Bowers Oil and Gas Exploration, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 636, Grand Junction, Colorado 81502

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface335' FSL  
2235' FEL

14. PERMIT NO.

43-019-30411

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4695' GR

16.

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) Lay additional pipeline ☒PULL OR ALTER CASING ☐MULTIPLE COMPLETION ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

We propose to lay, on the surface, either a 2" or 3" line from the present meter use for the captioned well to Northwest Pipeline Corp. low pressured line, as shown below. All connections are on the captioned lease.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: Aug 27, 1979

BY: Frank M. [Signature]

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

President

DATE

8/21/79

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Federal Energy Regulatory Commission  
825 North Capitol Street, N.E.  
Washington, D.C. 20426

Docket No. UC 105-9

FINAL DETERMINATION BY THE OIL AND GAS SUPERVISOR UNDER THE NATURAL GAS POLICY ACT OF 1978 (NGPA)

A final category determination is set forth below pursuant to the provisions of the NGPA for certain Federal lease gas as requested in application received on 2-5-79 and filed by Bowers Oil & Gas Exploration

For the onshore:

For the OCS:

Well Name and No.: Bowers Federal Well # 1-6

Lease and Well No. \_\_\_\_\_

Sec., T. and R.: Sec. 6, T20S, R24E

Block: \_\_\_\_\_

API No.: 43-019-30411

API No: \_\_\_\_\_

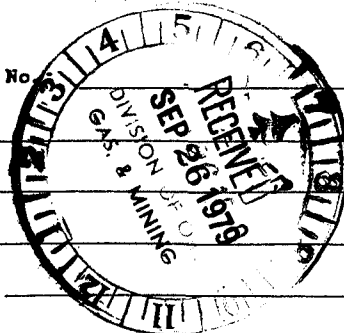
Reservoir: Cedar Mountain

Reservoir: \_\_\_\_\_

Lease No.: Utah 38364

Nearby State: \_\_\_\_\_

County and State: Grand, Utah



Category determination requested: Section 102 (c)(1)(c)

Final category determination: Approved as requested \_\_\_\_\_ Negative determination X

Remarks: There is no evidence that producing interval in subject well is not the same as in the Bush 8-1 located in NW 1/4 NW 1/4 Sec. 8, T20S, R24E

In accordance with the requirements of 18 CFR 274.104, the following information and reference materials will be submitted to the FERC with this final determination:\*

1. List of participants including the applicant and all parties submitting comments on the application.  
Bowers Oil and Gas Exploration, Inc.
2. A statement on any matter opposed. \_\_\_\_\_
3. A copy of the application. Also, a copy of any other materials in the record used in the determination together with any information inconsistent (or possibly inconsistent) with the determination, which includes: \_\_\_\_\_
4. All materials required under 18 CFR 274, Subpart B, and all other record materials (and portions of record materials) used in the determination process are enclosed.
5. An explanatory statement summarizing the basis for the determination is enclosed.
6. For a New Onshore Production Well determination involving 18 CFR 271.305(b) or (c), a finding as to the necessity of the well is enclosed.

A final jurisdictional agency determination is hereby made that the Federal lease natural gas referred to above ~~does~~ does not qualify as natural gas produced from a New Onshore Reservoir in accordance with the applicable provisions of the NGPA.

Any person may object to this final determination by filing a protest with the FERC within 15 days after this determination is published by the FERC in the Federal Register in accordance with 18 CFR Part 275.

Name: C.J. Curtis

Title: Area Oil & Gas Supervisor  
NRMA

Signature: C.J. Curtis (RMC)

Date: 9-21-79

Phone number: 265-5550 Ext. 5405

Address: P.O. Box 2859

Casper, Wyoming 82602

\*In the case of a negative determination, only a copy of the negative determination and a copy of Form FERC 121 will be forwarded to FERC. If the applicant or any aggrieved party so requests within 15 days of making such a determination, all information referenced in 1 through 6 will be forwarded within 20 days following the determination to the FERC in accordance with 18 CFR 274.104(b).

cc: Applicant  
Purchaser(s)  
NGPA File

Public Info. File  
Lease File  
Comments

Co-lessees  
New Reservoir  
State File

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well      gas ☒ well      other ☐

2. NAME OF OPERATOR  
Bowers Oil & Gas Exploration, Inc.

3. ADDRESS OF OPERATOR  
P.O. Box 636, Grand Jct., CO 81502

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: SWSE (335" FSL, 2235' FEL)  
AT TOP PROD. INTERVAL: same as at surface  
AT TOTAL DEPTH: same as at surface

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) Construct a lined surface pit		

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

We propose to build the required lined pit as follows:

- Lay 6 inches (deep) of gravel/sand material to cover the entire pit.
- Cover this with a man made, water proof liner.
- A weekly visual monitoring inspection will be made to determine if any leaking is occurring. Immediate action will be taken to repair the liner if a leak is found.

**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

DATE: 3/22/82 Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

BY: [Signature]

SIGNED [Signature] TITLE \_\_\_\_\_

DATE 3/16/82

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐
2. NAME OF OPERATOR  
*Bowers Oil & Gas Exploration, Inc.*
3. ADDRESS OF OPERATOR  
*PO Box 636, Grand Jet, CO. 81502*
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: *SWSEC 335 Ft. FSL, 2235 Ft. FEL*  
AT TOP PROD. INTERVAL: *same as at surface.*  
AT TOTAL DEPTH: *same as at surface.*

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

- |                      |                          |                          |
|----------------------|--------------------------|--------------------------|
| TEST WATER SHUT-OFF  | <input type="checkbox"/> | <input type="checkbox"/> |
| FRACTURE TREAT       | <input type="checkbox"/> | <input type="checkbox"/> |
| SHOOT OR ACIDIZE     | <input type="checkbox"/> | <input type="checkbox"/> |
| REPAIR WELL          | <input type="checkbox"/> | <input type="checkbox"/> |
| PULL OR ALTER CASING | <input type="checkbox"/> | <input type="checkbox"/> |
| MULTIPLE COMPLETE    | <input type="checkbox"/> | <input type="checkbox"/> |
| CHANGE ZONES         | <input type="checkbox"/> | <input type="checkbox"/> |
| ABANDON*             | <input type="checkbox"/> | <input type="checkbox"/> |

(other) *Construction of a lined pit per formed*

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

*As of 4/1/82 the construction of a lined pit conforming to NTL 26 and our sundry notice (approved 3/23/82) was completed.*

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED *James E. Bowers* TITLE *Pres.* DATE *4/7/82*

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

5. LEASE *71-038364*
6. IF INDIAN, ALLOTTEE OR TRIBE NAME *N/A*
7. UNIT AGREEMENT NAME *N/A*
8. FARM OR LEASE NAME *N/A*
9. WELL NO. *Bowers Oil Well #1-6*
10. FIELD OR WILDCAT NAME *Greater Cima Area*
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA *Sec. 6, T20S R24E S16E1M*
12. COUNTY OR PARISH *Grand* 13. STATE *Utah*
14. API NO. *43-019-30411*
15. ELEVATIONS (SHOW DF, KDB, AND WD) *4695 Ft. GR.*

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

\*See Instructions on Reverse Side

**RECEIVED**  
APR 09 1982

DIVISION OF  
GAS & MINING



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well    gas ☒ well    other ☐
2. NAME OF OPERATOR  
Bowers Oil & Gas Exploration, Inc.
3. ADDRESS OF OPERATOR  
P.O. Box 636, Grand Junction, CO 81502
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: SWSE (335 FSL, 2235 FEL)  
AT TOP PROD. INTERVAL: same as at surface  
AT TOTAL DEPTH: same as at surface
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

- | REQUEST FOR APPROVAL TO:                      | SUBSEQUENT REPORT OF:    |
|---|--------------------------|
| TEST WATER SHUT-OFF <input type="checkbox"/>  | <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/>       | <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/>     | <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/>          | <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | <input type="checkbox"/> |
| MULTIPLE COMPLETE <input type="checkbox"/>    | <input type="checkbox"/> |
| CHANGE ZONES <input type="checkbox"/>         | <input type="checkbox"/> |
| ABANDON* <input type="checkbox"/>             | <input type="checkbox"/> |
- (other) cement squeeze, reperforate

5. LEASE  
71-038364
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
n/a
7. UNIT AGREEMENT NAME  
n/a
8. FARM OR LEASE NAME  
n/a
9. WELL NO.  
Bowers Fed. Well #1-6
10. FIELD OR WILDCAT NAME  
Greater Cisco Area
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 6, T20S, R24E, SLB&M
12. COUNTY OR PARISH Grand    13. STATE Utah
14. API NO.  
43-018-30411
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4695 ft. (GR)

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

We propose to **cement squeeze** the producing Dakota Formation interval (1780'-1786') since water production, believed coming from another zone, is causing severe production problems. We plan to use 50-100 sx. of class G cement. We will then **reperforate** the same interval.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED James E. Bowers TITLE President DATE 7/29/82

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐
2. NAME OF OPERATOR  
Bowers Oil & Gas Exploration, Inc.
3. ADDRESS OF OPERATOR  
P.O. Box 636, Grand Junction, CO 81502
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 335 ft. FSL, 2235 ft. FEL  
AT TOP PROD. INTERVAL: same as at surface  
AT TOTAL DEPTH: same as at surface
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>

(other) Cement squeezed, perforated

5. LEASE  
71-038364
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA
7. UNIT AGREEMENT NAME  
NA
8. FARM OR LEASE NAME  
NA
9. WELL NO.  
Bowers Fed. #1-6
10. FIELD OR WILDCAT NAME  
Greater Cisco Area
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 6, T20S, R24E, SLB & M
12. COUNTY OR PARISH  
Grand
13. STATE  
Utah
14. API NO.  
43-018-30411
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4685 ft. (GR)

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

- a. 8/14/82 - Squeezed through old perforations with 50 sx. Class G cement.
- b. 8/19/82 - Drilled out to 1825.5'.
- c. 8/19/82 - Perforated interval 1781-84' with 4 shs./ft. (1/2").
- d. 8/20/82 - Acidized zone with 500/gal. 7 1/2% HCL.
- e. Tubing set at 1815 ft. (KB).

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED James E. Bowers TITLE President DATE 9/30/82

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

THE FOLLOWING METERS WILL HAVE CALIBRATION / SETTLEMENT TESTS RUN ON THE DATES INDICATED. STARTING TIME WILL BE 0800 OR AS SPECIFIED BELOW AND AT THE OFFICE OF THE NORTHWEST PIPELINE GRAND JUNCTION DISTRICT YOU WILL BE NOTIFIED SHOULD ANY CHANGES OCCUR IN THIS SCHEDULE. IF YOU HAVE ANY QUESTIONS ABOUT THE SCHEDULE, CONTACT OR WRITE THE DISTRICT OFFICE.

METER CODE	WELL NAME	LOC	RUN	DAY	MO/YR	STARTING TIME
92315010	FEDERAL #1-6 20 S. 24 E. 6	06	05	<u>2</u>	10/85	<u>1200</u>
92095010	BOWERS STATE #1-36 19 S. 23 E. 36	06	05	<u>4</u>	12/85	<u>1000</u>
92116018	TUMBLEWEED #1 20 S. 21 E. 7	06	13	<u>3</u>	12/85	<u>0900</u>
92170012	STATE #2-36 20 S. 21 E. <del>27</del> 36	06	13	<u>3</u>	12/85	<u>1100</u>
92280012	TUMBLEWEED #27-3 20 S. 21 E. 27	06	13	<u>3</u>	12/85	<u>1300</u>



STATE OF COLORADO

DEPARTMENT OF  
STATE

CERTIFICATE

RECEIVED  
JAN 03 1988

DIVISION OF  
OIL, GAS & MINING

I, NATALIE MEYER, Secretary of State of the State of Colorado hereby certify that the prerequisites for the issuance of this certificate have been fulfilled in compliance with law and are found to conform to law.

Accordingly, the undersigned, by virtue of the authority vested in me by law, hereby issues A CERTIFICATE OF AMENDMENT TO BOWERS OIL AND GAS, INC., FORMERLY KNOWN AS BOG, INC.

Dated: SEPTEMBER 19, 1988

\_\_\_\_\_  
SECRETARY OF STATE



UTAH  
NATURAL RESOURCE  
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. (801-538-5340)

Page 1 of 1

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• BOG INC (BOWERS)  
P O BOX 636  
GRAND JUNCTION CO 81502  
ATTN: DENISE D. JOHNSON

Utah Account No. N0150

Report Period (Month/Year) 1 / 89

Amended Report ☐

Well Name	Producing	Days	Production Volume		
API Number Entity Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
X ADAMS # 22-2 FEDERAL					
4301930664 00245 20S 21E 22	MRSN				
X ADAMS #22-1 FEDERAL					
4301930684 00245 20S 21E 22	MRSN				
X BOWERS FED #1-6					
4301930411 00420 20S 24E 6	BUKHN				
X BO-TX #2-36					
4301930747 00430 20S 21E 36	DKTA				
X TUMBLEWEED #1					
4301930513 02235 20S 21E 27	MNCS				
X FEDERAL TUMBLEWEED #27-5					
4301930715 02235 20S 21E 27	MNCS				
X TUMBLEWEED 27-8					
4301931165 02235 20S 21E 27	MNCS				
X FEDERAL 22-3					
4301930665 02236 20S 21E 22	MNCS				
X TUMBLEWEED 27-3					
4301930643 02260 20S 21E 27	MRSN				
X AKAH #1					
4303715870 06240 42S 22E 33	PRDX				
X ADAMS #1 STATE					
4301915106 06275 20S 21E 36	DKTA				
X E CISCO FEDERAL 1-3					
4301930557 08235 20S 23E 1	MRSN				
X BN #4-33					
4303730919 09170 42S 22E 33	AKAH				
TOTAL					

Comments (attach separate sheet if necessary) \_\_\_\_\_

I have reviewed this report and certify the information to be accurate and complete.

Date \_\_\_\_\_

Authorized signature \_\_\_\_\_

Telephone \_\_\_\_\_

PLEASE COMPLETE FORMS IN BLACK INK

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS, AND MINING**

SUBMIT IN **TRIPPLICATE\***  
 (Other instructions on  
 reverse side)

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
 Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <b>OIL WELL</b> <input type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/> N/A		5. <b>LEASE DESIGNATION AND SERIAL NO.</b> N/A	
2. <b>NAME OF OPERATOR</b> Bowers Oil & Gas, Inc.		6. <b>IF INDIAN, ALLOTTEE OR TRIBE NAME</b> N/A	
3. <b>ADDRESS OF OPERATOR</b> P.O. Box 636, Grand Junction, CO 81502		7. <b>UNIT AGREEMENT NAME</b> N/A	
4. <b>LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  N/A		8. <b>FARM OR LEASE NAME</b> N/A	
14. <b>PERMIT NO.</b> N/A		9. <b>WELL NO.</b> N/A	
15. <b>ELEVATIONS</b> (Show whether DF, RT, OR, etc.) N/A		10. <b>FIELD AND POOL, OR WILDCAT</b> N/A	
		11. <b>SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> N/A	
		12. <b>COUNTY OR PARISH</b> N/A	13. <b>STATE</b> Utah

18. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

**NOTICE OF INTENTION TO:**

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

**SUBSEQUENT REPORT OF:**

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <u>Report of Shut-in Wells</u> <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. **DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Shown below are the following wells, operated by Bowers Oil & Gas, Inc., which were shut-in as of February 10, 1992:

<u>WELL</u>	<u>MINERAL OWNERSHIP</u>	<u>COUNTY</u>
1. Federal #1-6 42-019-30411	Federal	Grand
2. BO-TX #2-36	State	Grand
3. Mancos Wells	Federal	Grand
Tumbleweed 27-8		
Tumbleweed 27-5		
Tumbleweed 1		
4. Tumbleweed #27-3	Federal	Grand
5. Adams 22-1 & 2	Federal	Grand
6. East Cisco Federal #1-3	Federal	Grand
7. Adak #26-3	Federal	Grand

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FEB 16 1992

DIVISION OF  
OIL, GAS & MINING

These wells are gas wells shut-in because of low gas prices, except for the Adams #22-1 which is shut-in because of mechanical problems.

18. I hereby certify that the foregoing is true and correct

SIGNED

*James E. Bowers*

TITLE

*President*

DATE

*2/13/92*

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



UTAH  
NATURAL RESOURCE  
Oil, Gas & Mining

DOGM 56-  
an equal opportunity emp

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. • (801-538-5340)

Page 1 of 1

# MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• LYN CORDOVA  
BOWERS OIL AND GAS INC  
PO BOX 636  
GRAND JUNCTION CO 81502

Utah Account No. N1065

Report Period (Month/Year) 10 / 92

Amended Report ☐

Well Name	Producing	Days	Production Volume		
API Number Entity Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
ADAMS # 22-2 FEDERAL					
4301930664 00245 20S 21E 22	MRSN				
ADAMS #22-1 FEDERAL					
4301930684 00245 20S 21E 22	MRSN				
BOWERS FED #1-6					
4301930411 00420 20S 24E 6	BUKHN				
BO-TX #2-36					
4301930747 00430 20S 21E 36	DKTA				
TUMBLEWEED #1			DK-CM "Petro-X Corporation"		
4301930513 02235 20S 21E 27	MNCS				
FEDERAL TUMBLEWEED #27-5			DK-MR "Ambra O&G"		
4301930715 02235 20S 21E 27	MNCS				
TUMBLEWEED 27-8			DK-MR "Wesley PeHingill"		
4301931165 02235 20S 21E 27	MNCS				
TUMBLEWEED 27-3	DKTA &				
4301930643 02260 20S 21E 27	MRSN				
NORTH BOUNDARY BUTTE # 1 (AKAH #1)					
4303715870 06240 42S 22E 33	PRDX				
ADAMS #1 STATE					
4301915106 06275 20S 21E 36	DKTA				
E CISCO FEDERAL 1-3					
4301930557 08235 20S 23E 1	MRSN				
FEDERAL 26-3			DK-TA "Petro-X Corporation" NRM-1641		
4301930582 11110 20S 21E 26	MNCS				
TOTAL					

Comments (attach separate sheet if necessary)

\* 921221 Btm/moab Changes reflect miles pz only (Bowers to Linn Bros.), other pz's are to remain "Petro-X, Ambra, and Wesley PeHingill". Jp

I have reviewed this report and certify the information to be accurate and complete.

Date \_\_\_\_\_

Authorized signature \_\_\_\_\_

Telephone \_\_\_\_\_

PLEASE COMPLETE FORMS IN BLACK INK

DIVISION OF OIL, GAS AND MINING  
OF THE STATE OF UTAH

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NOV 12 1992

DIVISION OF  
OIL GAS & MINING

DESIGNATION OF OPERATOR  
\*\*\*\*\*

The undersigned producer, operator, transporter, refiner, gasoline of initial purchaser who is conducting oil and/or gas operations in the State of Utah, does, pursuant to the Rules and Regulations and Rules of Practice and Procedure of the Division of Oil, Gas and Mining of the State of Utah, hereby appoint Linn Bros. Oil & Gas, Inc., whose address is P.O. Box 416, Fruita, CO 81521, (~~his, her or~~ its) designated operator to accept and to be served with notices from said Board, or from other persons authorized under the Oil and Gas Conservation Act of the State of Utah. This designation applies to the wells shown on exhibit A, attached.

The undersigned further agrees to immediately report in writing, all changes of address of the operator, and any termination of the operator's authority, and in the latter case, the designation of a new operator shall be immediately made. This designation of operator, however, shall remain in full force and effect until and unless a new designation of operator is filed in accordance with said statute and said regulations.

Effective date of designation 10/29/92

Company Bowers Oil & Gas, Inc. Address P.O. Box 636, Grand Junction, CO  
81502

By

James E. Bowers  
(signature)

Title President

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NOV 12 1992

DIVISION OF  
OIL GAS & MINING



# EXHIBIT A

October 29, 1992 conveyance from Bowers Oil and Gas, Inc. to Linn Bros. Oil and Gas, Inc.

<u>PROPERTY</u>	<u>LOCATION</u>	<u>OTHER</u>
Adak #26-3 Well (11110) 43-019-30582	Sec. 26, T20S, R21E	N/A
BH-Fed. #1-3 Well (08235) 43-019-30557	NE 1/4 Sec. 1, T20S, R21E 23E	NWP Meter #92159
Federal #1-6 Well (00420) 43-019-30411	SE 1/4 Sec. 6, T20S, R21E 24E	NWP Meter #92315
(Adams #22-1 & (Adams 22-2 Wells (00245) 43-019-30684) 43-019-30664	Sec. 22, T20S, R21E	NWP Meter #94101
(Tumbleweed #s 1) (27-8 & 27-5 Wells 43-019-30512) (43-019-31165) (02235) (Tumbleweed 27-5 43-019-30715)	Sec. 27, T20S, R21E	N/A
Tumbleweed #27-3 Well (02260) 43-019-30643	Sec. 27, T20S, R21E	N/A

All Wells are located in Grand County, Utah.

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT..." for such proposals.)

71-038364

IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

FEDERAL

9. WELL NO.

BOWERS-FEDERAL #1-6

10. FIELD AND POOL, OR WILDCAT

GREATER CISCO AREA

BUCKHORN POOL

11. SEC., T., R., M., OR BLK. AND

Sec. 6, T20S, R24E,

SLB &amp; M

12. COUNTY OR PARISH

GRAND

13. STATE

UT

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

LINN BROS. OIL AND GAS, INC.

3. ADDRESS OF OPERATOR

P.O. BOX 416, FRUITA, CO 81521

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surfaceSW $\frac{1}{4}$ , SE $\frac{1}{4}$ 

SWSE

14. PERMIT NO.

43-019-30411

15. ELEVATIONS (Show whether DF, RT, CR, etc.)

4695' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐CHANGE OF OPERATOR ☒

XX

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐

(Other)

REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

CHANGE OF OPERATOR

Linn Bros. Oil and Gas, Inc. is taking over operations of the above captioned well. Linn Bros. Oil and Gas, Inc. is responsible under the terms and conditions of the lease for operations conducted on the leased lands or portions thereof.

Bond coverage for this well will be provided by BLM Bond No. UT0927.

Bowers Oil and Gas, Inc. is the company Linn Bros. Oil and Gas, Inc. is replacing as operator.

RECEIVED

DEC 16 1992

DIVISION OF  
OIL AND GAS MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

*Gene A. Linn*

TITLE

*Sec*

DATE

*12/16/92*

(This space for Federal or State office use)

Assistant District Manager

APPROVED BY

*William C. Huggs*

TITLE

*Minerals*

DATE

*12/16/92*

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

\*See Instructions on Reverse Side

12  
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Division of Oil, Gas and Mining  
OPERATOR CHANGE WORKSHEET

Routing:

1- <del>LCR</del>	7- <del>LCR</del>
2-DTS	PTS
3-VLC	✓
4-RJF	✓
5-RWM	✓
6-ADA	✓

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent  
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 10-29-92)

TO (new operator)	<u>LINN BROS OIL &amp; GAS, INC.</u>	FROM (former operator)	<u>BOWERS OIL AND GAS INC</u>
(address)	<u>PO BOX 416</u>	(address)	<u>PO BOX 636</u>
	<u>FRUITA, CO 81521</u>		<u>GRAND JUNCTION, CO 81502</u>
			<u>LYN CORDOVA</u>
phone ( <u>303</u> )	<u>858-7386</u>	phone ( <u>303</u> )	<u>245-1342</u>
account no. <u>N 6800</u>		account no. <u>N 1065</u>	

Well(s) (attach additional page if needed):

Name: <u>ADAMS 22-2/MRSN</u>	API: <u>43-019-30664</u>	Entity: <u>245</u>	Sec <u>22</u> Twp <u>20S</u> Rng <u>21E</u>	Lease Type: <u>U-26341</u>
Name: <u>ADAMS 22-1/MRSN</u>	API: <u>43-019-30684</u>	Entity: <u>245</u>	Sec <u>22</u> Twp <u>20S</u> Rng <u>21E</u>	Lease Type: <u>U-26341</u>
Name: <u>BOWERS FED 1-6/BUKHN</u>	API: <u>43-019-30411</u>	Entity: <u>420</u>	Sec <u>6</u> Twp <u>20S</u> Rng <u>24E</u>	Lease Type: <u>U-38364</u>
Name: <u>TUMBLEWEED #1/MNCS</u>	API: <u>43-019-30513</u>	Entity: <u>2235</u>	Sec <u>27</u> Twp <u>20S</u> Rng <u>21E</u>	Lease Type: <u>U-39499</u>
Name: <u>TUMBLEWEED 27-5/MNCS</u>	API: <u>43-019-30715</u>	Entity: <u>2235</u>	Sec <u>27</u> Twp <u>20S</u> Rng <u>21E</u>	Lease Type: <u>U-39499</u>
Name: <u>TUMBLEWEED 27-8/MNCS</u>	API: <u>43-019-31165</u>	Entity: <u>2235</u>	Sec <u>27</u> Twp <u>20S</u> Rng <u>21E</u>	Lease Type: <u>U-39499</u>
Name: <u>TUMBLEWEED 27-3/DKTA</u>	API: <u>43-019-30643</u>	Entity: <u>2260</u>	Sec <u>27</u> Twp <u>20S</u> Rng <u>21E</u>	Lease Type: <u>U-39499</u>
<u>&amp; MRSN</u>				

OPERATOR CHANGE DOCUMENTATION

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 11-12-92)
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Ref. 11-16-92) (Rec'd 11-20-92)
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) yes If yes, show company file number: #1164140.
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (12-21-92)
6. Cardex file has been updated for each well listed above. (12-21-92)
7. Well file labels have been updated for each well listed above. (12-21-92)
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (12-21-92)
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date                      19    . If yes, division response was made by letter dated                      19    .

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      19    , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

## MICROFILMING

1. All attachments to this form have been microfilmed. Date:                      19    .

## FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

## COMMENTS

9/2/215 Btm/Mcab Not approved as of yet.

9/2/221 " Approved 12-11-92.

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION & SERIAL NO.

71-038364

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

Federal

9. WELL NO.

Fed 1-6

10. FIELD AND POOL, OR WILDCAT

Greater Cusco

11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA

Sec 6, T20S, R24E

12. COUNTY

Grand

13. STATE

Wt

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Linn Bros. Oil & Gas, Inc.

3. ADDRESS OF OPERATOR

P.O. Box 416 Fruit, Co 81521

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)

At surface

Sec 6, T20S, R24E SLB4M  
335' FSL - 2235' FT FEL

At proposed prod. zone

Dakota

14. API NO.

43018 30411

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4695' Gr.

16.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON

CHANGE PLANS

Producing Status ☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

DATE OF COMPLETION

APPROX. DATE WORK WILL START

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

\* Must be accompanied by a cement verification report.

We would like to change The status of this well from shut-in to producing gas well.

MAR 7

18. I hereby certify that the foregoing is true and correct

SIGNED

Gene A Linn

TITLE

Sec

DATE

2/28/94

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE